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RESULT 1
US-07-847-010-23
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Sequence 12, Appl
Sequence 194, App
Sequence 109, Ap
Sequence 175, Appl
Sequence 175, Appl
Sequence 1, Appli
Sequence 1, Appli
Sequence 10584, A
Sequence 159, Appl
Sequence 160, Appl
Sequence 1, Appli
Sequence 1, Appli
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Sequence 3597, A
Sequence 3506, Appl
Sequence 3597, A
Sequence 3506, Appl
Sequence 2745, Appl
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Sequence 3, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                          January 28, 2006, 06:20:07; Search time 18.6667 Seconds (without alignments) 53.149 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1: /cgn2 6/ptodata/1/iaa/5 COMB.pep:*
2: /cgn2 6/ptodata/1/iaa/6 COMB.pep:*
3: /cgn2 6/ptodata/1/iaa/H COMB.pep:*
4: /cgn2 6/ptodata/1/iaa/H COMB.pep:*
5: /cgn2 6/ptodata/1/iaa/RE_COMB.pep:*
6: /cgn2 6/ptodata/1/iaa/RE_COMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
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US-09-865-291-12

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US-09-205-658-194

US-09-13-999-6109

US-09-12-861-15

US-09-12-861-11

US-09-949-016-10584

US-09-949-016-10584

US-09-949-016-10584

US-09-949-016-10584

US-09-949-016-10584

US-09-949-016-10584

US-09-949-016-10584

US-09-949-016-10584

US-09-131-568A-2

US-09-134-596-1

US-09-134-596-1

US-09-134-596-1

US-09-210-76-7597

US-09-621-976-7597

US-09-621-976-7597

US-09-688-988-35

US-09-288-316-356-1

US-09-288-316-356-1

US-09-621-976-7597

US-09-688-988-35

US-09-288-3110-3506

US-09-288-796A-19957
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               572060 seqs, 82675679 residues
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Maximum Match 100%
Listing first 45 summaries
                                                                                                           OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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68
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Match Length DB
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28 38 55.9 525 2 US-08-688-988-10 Sequence 10, Appl 2 US-09-107-532A-5966 Sequence 5966, Ap 30 31 37.5 55.9 1049 2 US-09-107-532A-5966 Sequence 5966, Ap 31 37.5 55.9 1751 2 US-09-104-50145 Sequence 20.45, Appl 32 37 54.4 15 1 US-08-080-073-18 Sequence 20.45, Appl 37 54.4 15 1 US-08-080-073-2 Sequence 22, Appl 36 37 54.4 40 2 US-09-080-073-2 Sequence 22, Appl 37 54.4 40 2 US-09-080-073-2 Sequence 25, Appl 37 54.4 176 2 US-09-609-1618-5 Sequence 25, Appl 37 54.4 176 2 US-09-080-073-2 Sequence 25, Appl 37 54.4 122 2 US-09-080-073-2 Sequence 4, Appl 41 37 54.4 137 2 US-09-080-939A-4 Sequence 4, Appl 41 37 54.4 154 1 US-08-404-403 Sequence 4, Appl 42 37 54.4 154 1 US-08-404-403 Sequence 4, Appl 44 37 54.4 154 1 US-08-44-64-604A-4 Sequence 4, Appl 44 37 54.4 154 1 US-08-44-64-604A-4 Sequence 3, Appl 54 37 54.4 154 1 US-08-44-64-604A-4 Sequence 4, Appl 54 37 54.4 154 1 US-08-748-703-3 Sequence 3, Appl 54 37 54.4 154 1 US-08-748-703-3 Sequence 4, Appl 54 37 54.4 154 1 US-08-748-703-3 Sequence 3, Appl 54 37 54.4 154 1 US-08-748-703-3 Sequence 6, Appl 64 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 37 54.4 154 1 US-08-718-538-2 Sequence 2, Appl 65 38 54 54 54 154 1 US-08-718-538-2 Sequence 2, Appl 65 38 54 54 54 154 1 US-08-718-538
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ALIGNMENTS

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UG-07-847-010-39

IGENERAL INFORMATION:

PAPLICAMT: Reiverstorfer, Arnold

APPLICAMT: Reiverstorfer, Arnold

APPLICAMT: Reiverstorfer, Arnold

APPLICAMT: Breitenbach, Michael

APPLICAMT: Rumpold, Helmut

APPLICAMT: Remeler, Otto

APPLICAMT: Breitenbach, Michael

TITLE OF INVENTION: Applications Thereof

MUMBER OF SEQUENCES: 23

CORRESSONDENCE COMPATION:

MEDITURY: US. A.

COMPUTER: IBM FORM:

MEDITUR TYPE: Floppy disk

COMPUTER: IBM FORM:

MEDITAMING SYSTEM: BC/07/847,010

PILING DATE: 01-UNU-1992

CLASSIFICATION NUMBER: GS/020

REGISTRATION NUMBER: GS
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1 KISFPEGFPFK 11
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84 KLSFPEGFKWE 94
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KLSFPEGFKWE 94
                                                                                                                                                                                                                                                                                                                               TYPE: PRT

/ ORGANISM: Discosoma sp.

US-09-866-538-12
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 56 KITFPEGSPFKY
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Matches 7; Conserv
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US-10-152-296-2
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                                                                                    Length 160;
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Best Local Similarity 83.3%; Pred. No. 0.015;
Matches 10; Conservative 1; Mismatches 1. Tala
                                                                                                                        0; Indels
                                  POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: U1-JUN 1992
CLASSIFICATION: 435
ATTONREY/AGENT INPORMATION:
NAME: 400-80 III, HAITY C
REGISTRATION NUMBER: 6530-010
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Breitenbach, Michael
APPLICANT: Kraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Scheiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Ebner, Christof
APPLICANT: Perreira, Fatima
AITLE OF INVENTION: Applications Thereof
                                                                                    Score 68; DB 1; I
Pred. No. 0.00016;
                                                                                                                                                                                                                                                                                                                               Breiteneder, Heimo
Keikerstoorfer, Arnold
Valenta, Rudolf
Hoffmann Sommergruber, Karin
                                                                                                                        Mismatches
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1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                         100.0%; Sco
100.0%; Pre
                                                                                                                                                                                                                                                                          Sequence 3, Application US/07847010 Patent No. 5693495
birch (Betula sp.)
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
TYPE: amino acid
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORIGINAL SOURCE:
ORGANISM: Alder (Alnus sp.)
                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                             56 KISFPEGFPFKY 67
                                                                                                                                                         1 KISFPEGFPFKY 12
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: New YORK STATE: New YORK TATE: New YORK
                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
ORGANISM: birc
IMMEDIATE SOURCE:
                                ; LIBRARY:
US-07-847-010-23
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US-07-847-010-3
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1 KISFPEGFPFKY 12

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Patent No. 6900304
GENERAL INFORMATION:
APPLICANT: REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: TIBN, ROGER
APPLICANT: TING, Alice
APPLICANT: ZHANG, Jin
TITLE OF INVENTION: EMISSION RATIOMETRIC INDICATORS OF PHOSPHORYLATION
FILE REPERENCE REGENTS:
CURRENT APPLICATION NUMBER: US/09/865, 291
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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Sequence 2, Application US/10152296

Patent No. 6723537

CENERAL INFORMATION:

APPLICANT: Peelle, Beau

APPLICANT: Rigel Pharmaceuticals, Incorporated

TITLE OF INVENTION: Directed Evolution of Protein in Mammalian Cells

FILE REFERENCE: 021044-0001100/S

CURRENT APPLICATION NUMBER: US/10/152,296

CURRENT FILING DATE: 2002-12-10
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US-09-866-538-12

Sequence 12, Application US/09866538

Sequence 12, Application US/09866538

GENERAL INFORMATION:
APPLICANT: REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: Campbell, Robert
TITLE OF INVENTION: NON-OLIGOMERIZING FLUORESCENT PROTEINS
TITLE REFERENCE: REGEN1530-2
CURRENT PILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 225;
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Pred. No. 9
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SEQ ID NO 12
LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                     61.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 63.6
Matches 7; Conservative
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NUMBER OF SEQ ID NOS: 36681
                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
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                          SOFTWARE: Patent.pm
SEQ ID NO 6109
LENGTH: 109
                                                                                                                                                      NAME/KEY: UNSURE
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US-09-205-658-175
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Patent No. 6783961
GENERAL INFORMATION:
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 67839561
                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:mammalian OTHER INFORMATION: codon-optimized variant (DeRED) of Discosoma sp., OTHER INFORMATION: "red" red fluorescent protein (RFP) US-10-152-256-2
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APPLICANT: OGG, SCOTT
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00786/351004
CURRENT APPLICATION NUMBER: 08/857,076
EARLIER APPLICATION NUMBER: 08/857,076
EARLIER FILING DATE: 1997-05-15
EARLIER FILING DATE: 1997-05-15
EARLIER PLILNG DATE: 1997-05-15
EARLIER PLILNG DATE: 1997-05-15
NUMBER OF SEQ ID NOS: 328
NUMBER OF SEQ ID NOS: 328
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                       61.8%; Score 42; DB 2; Length 240; 63.6%; Pred. No. 11; 1; ive 3; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 98;
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100.0%; Pred. No. 5.8;
:ive 0; Mismatches (
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CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: US 60/291,871
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 240
TYPE: PRT
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; Sequence 194, Application US/09205658
; Patent No. 6861256
; GENERAL INFORMATION:
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US-09-205-658-194
                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 60.3
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                         7; Conservative
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Best Local Similarity
Matches 7; Conserv
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LENGTH: 98
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Falent NO. 0.19403
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Human Proteins Responsible for NEDD8 Activation and Conjugation
TITLE OF INVENTION NUMBER: US/09/216,430C
CURRENT APPLICATION NUMBER: US/09/21141
PRIOR PILING DATE: 1998-12-18
PRIOR PILING DATE: 1998-12-18
PRIOR FILING DATE: 1999-08-12
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn version 3.1
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GENERAL INFORMATION:
APPLICANT: RUVKUN;
APPLICANT: RUVKUN;
APPLICANT: OGG, SCOCK
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00706/351004
CURRENT FILING DATE: 1996-12-03
CURRENT FILING DATE: 1997-05-15
EARLIER PTLING DATE: 1997-05-15
EARLIER PTLING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1998-05-15
MUMBER OF SEQ ID NOS: 328
NUMBER OF SEQ ID NOS: 328
SOFTWARE: FESTESQ for Windows Version 4.0
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                                                                                       Score 41; DB 2; Length 109;
Pred. No. 6.5;
                                                                                                                                                 2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 175, Application US/09205658
; Patent No. 6861256
; LOCATION: 105
; OTHER INFORMATION: Xaa=Leu or Pro
US-09-513-999C-6109
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                                                                                               63.6%;
                                                                                                 Query Match 60.3
Best Local Similarity 63.6
Matches 7; Conservative
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Matches 7; Conservative
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54 RISFPPEYPFK 64
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US-09-132-861-1
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Patent No. S847094
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL UBCH7-LIKE UBIQUITIN-CONJUGATING
TITLE OF INVENTION: BNZYME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     60.3%; Score 41; DB 1; Length 153; 63.6%; Pred. No. 9.5; ive 2; Mismatches 2; Indels
                                                                                                                                                             Score 41; DB 2; Length 152;
Pred. No. 9.5;
                                                                                                                                                                                                   2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 Porter Drive
STATE: Palo Alto
STATE: US
COUNTRY: US
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTEM: DOS
SOFTWARE: FASTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,703
FILING DATE: Herewith
CLASSIPICATION DATA:
APPLICATION NUMBER: US/08/749
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTOCNEY/AGGNT INFORMATION:
NAME: Billings, Lucy J.
RECISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0161 US
TELEPHONE: 415-855-0555
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                                                                                                                                                               63.6%;
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Matches 7; Conservative
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Matches 7; Conservative
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 415-845-4166
                                                                  NAME/KEY: MISC FEATURE
LOCATION: (1). (152)
CTHER INFORMATION: UbcH8
US-09-216-430C-20
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53 RISFPPEYPFK 63
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54 RISFPPEYPFK 64
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CLONE: Consensus
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               TYPE: PRT
ORGANISM: Human
LENGIH: 152
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US-08-748-703-1
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Sequence 6465, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
FRIOR PAPLICATION NUMBER: 60/231,755
PRIOR APPLICATION NUMBER: 60/237,768
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                                                                                                            APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL UBCH7-LIKE UBIQUITIN-CONJUGATING
TITLE OF INVENTION: ENZYME
AUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
ATTE: CA
ATTER CA
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Pred. No. 9.5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FEBERSEY VETSION SOFTWARE: PEBERSEY VETSION CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/132,861
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/748,703
FILING DATE:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0161 US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1876-055
; Sequence 1, Application US/09132861; Patent No. 6124123; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
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SEQUENCE CHARACTERISTICS:
LENGTH: 153 amino acids
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Best Local Similarity 63.6
Matches 7; Conservative
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54 RISFPEYPFK 64
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STRANDEDNESS: si
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TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                       Query Match
Best Local Similarity 63.6%;
Matches 7; Conservative
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Best Local Similarity 63.6
Matches 7; Conservative
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563 KVSIPKGFVFK 573
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US-09-949-016-10584

i Sequence 10584, Application US/09949016

i Patent No. 6812339

i GENERAL INFORMATION:

I TILLE OF INVENTION: US/OPERISMS IN KNOWN GENES ASSOCIATED

I TILLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REPRENENCE: CLOL01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOOTHARE: PESESEQ for Windows Version 4.0

LENGTH: 168
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Sequence 2,004
Sequence 6570004
GENERAL INFORMATION:
APPLICANT: Martin J. Blaser
TITLE OF INVENTION: dapE GENE OF HELICOBACTER PYLORI AND
TITLE OF INVENTION: dapE MUTANT STRAINS OF HELICOBACTER PYLORI
FILE REFERENCE: 22000.0073
CURRENT APPLICATION NUMBER: US/09/331,568A
CURRENT FILING DATE: 1997-12-23
PRIOR APPLICATION NUMBER: 60/033,824
PRIOR PLILING DATE: 1997-12-23
PRIOR FILING DATE: 1996-12-23
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FASTSEQ for Windows Version 4.0
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                                                                                                                                                                                                                            Score 41; DB 2; Length 153;
Pred. No. 9.5;
2; Mismatches 2; Indels
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRASESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 6465
LENGTH: 153
                                                                                                                                                                                                                              60.3%;
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Best Local Similarity 63.6
Matches 7; Conservative
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69 RISFPPEYPFK 79
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54 RISFPPEYPFK 64
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                                                                                                                                                                     ORGANISM: Human
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US-09-949-016-10584
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:\No. 6570004e = COURT INFORMATION: Synthetic construct
US-09-331-568A-2
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                                        Score 41; DB 2; Length 621;
Pred. No. 46;
2; Mismatches 2; Indel8
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Job time : 19.6667 secs
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January 28, 2006, 06:23:49; Search time 12.3333 Seconds (without alignments) 10.536 Million cell updates/sec
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2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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Maximum Match 100%
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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64
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Perfect score:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	-883-18 Sequence 18,	883-26 Sequence 26,	883-6 Seguence 6,	208-1 Sequence 1,	208-4 Seguence 4,	20 Sequence 20,	24	218-880-1 Sequence 1, Appl:	880-4 Seguence 4,	880-20 Seguence 2	24 Sequence 24,	'n	m	6 Seguence 6,	6 Sequence 6,	8 Sequence 8,	79	8 Seguence 8,	5, Ap		-372-1112 Seguence 1112,	360A-442 Sequence 442,	550,	93,	
or manio	e e	US-11-102	US-11-102-	US-11-102-	US-10-209-	US-10-209-	US-10-20	US-10-20	US-11-21	US-11-218-	US-11-218-	US-11-218-880-	US-11-10	US-11-10	US-10-209-208-	US-11-218-880-	US-10-20	US-10-20	US-11-218-880-	US-11-10	US-10-13	US-10-453	US-09-978-	US-10-13	US-10-46	
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	Score	64	64	64	46	46	46	46	46	46	46	46	46	46	46	46	41	41	41	41	40	36	35	35	35	
	Result No.		8	m	4	ū	9	7	æ	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	

Sequence 39, Appl Sequence 27, Appl Sequence 33, Appl	Sequence 27, Appl Sequence 13, Appl Sequence 119, App	Sequence 30, Appl Sequence 30, Appl Sequence 3876, Ap		Sequence 7618, Ap Sequence 4010, Ap Sequence 12, Appl	Sequence 311, App Sequence 2360, Ap Sequence 5, Appli
US-11-016-706-39 US-11-179-411-27 US-11-179-411-33	US-11-175-766-27 US-11-175-766-33 US-11-010-239-119	US-11-102-883-32 US-11-102-883-30 US-10-467-657-3876 US-10-957-569-51	US-10-453-372-40 US-10-453-372-32 US-10-467-657-6426	US-10-467-657-7618 US-10-467-657-4010 US-11-073-605-12	US-11-0/8-184-18 US-10-485-517-311 US-10-793-626-2360 US-11-165-067A-5
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233 233	233 233 291	294 294 833	3483 3546 626	626 34 119	251 258 258 278
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25 27 29	30 30 30 30 30 30 30 30 30 30 30 30 30 3	2 E E E	33.4 33.4 33.4	39 44 41	2444 2444 545 5445

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RESULT.

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GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Tsian, Roger

APPLICANT: Geoffrey Baird

TITLE OF INVENTION: FUR MAKING SAME

TITLE OF INVENTION: FUR MAKING SAME

FILE OF INVENTION: FOR MAKING SAME

FILE OF INVENTION: FOR WAKING SAME

FILE OF INVENTION: FOR WAKING SAME

FILE OF INVENTION: FOR WAKING SAME

FILE OF INVENTION: FOR MAKING SAME

FILE OF INVENTION: FOR PAINT

CURRENT APPLICATION NUMBER: US/10/209,208

PRIOR PILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR PILING DATE: 2001-05-24

PRIOR APPLICATION NUMBER: 09/94,308

PRIOR FILING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 80

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 225
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US-10-209-208-4
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88.9%; Pred. No. 0.24;
tive 1; Mismatches
  PRIOR APPLICATION NUMBER: 10/121,258
PRIOR FILING DATE: 2002-04-10
PRIOR PILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SEQ ID NO
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                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: (1)...(225)
COTHER INFORMATION: wild-type DsRed
US-10-209-208-1
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APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
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Best Local Similarity 88.9
Matches 8; Conservative
                                                                                                                                                                                                                                           TYPE: PRT ORGANISM: Discosoma sp.
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83 KKLSFPEGF 91
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publication No. US20050281816A1

GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Fluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Osigle, Isabelle
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Wodular Antigen Transporter Molecules)
FILE REFERENCE: 03100234pa
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT APPLICATION NUMBER: ED02022774.0
PRIOR FILING DATE: 2002-04-11
PRIOR FILING DATE: 2003-01-09
NUMBER OF SEQ ID NOS: 44

SOFTWARE: Patentin version 3.2

LENGTH: 200

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ORGANISM: Human immunodeficiency virus + Homo sapiens + Betula verrucosa
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100.0%; Score 64; DB 7; Length 300;
1 Similarity 100.0%; Pred. No. 0.0002;
12; Conservative 0; Mismatches 0; Indels
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
ATTLLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP2
FILE REFERENCE: 03100234pa
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2005-04-11
FRIOR APPLICATION NUMBER: EP02022774.0
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
LENGTH: 289
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CURRENT FILING DATE: 2002-07-29
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Best Local Similarity 100.
Matches 12; Conservative
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ORGANISM: tat-Ii-bet v 1
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Matches 12; Conserv
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US-11-102-883-6
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US-10-209-208-1
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Query Match
Best Local Similarity 88.9
Matches 8; Conservative
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83 KKLSFPEGF 91
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83 KKLSFPEGF 91
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US-11-218-880-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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Sequence 24, Application US/10209208

PUBLICATION NO. US20050244921A1

GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FLOORSCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FLOOR MAKING SAME
FILER REFRENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: 10/10/209,208
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: 09/866,538
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-04-10
PRIOR FILING DATE: 2001-04-10
PRIOR FILING DATE: 2001-04-10
PRIOR FILING DATE: 2001-02-6
NUMBER OF SEQ ID NOS: 80

SEQ ID NO 24

LENGTH: 225

TYPE: PRY
TYPE: P
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TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
FILE REPERBERE: 10083.1CP2CP2
CURRENT APPLICATION UNDER: US/10/209,208
CURRENT PILING DATE: 2002-07-29
FRIOR PEPLICATION NUMBER: 10/121,258
FRIOR PELLING DATE: 2002-04-10
FRIOR PELLING DATE: 2002-04-10
FRIOR APPLICATION NUMBER: 09/866,538
FRIOR PILING DATE: 2001-05-24
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-26
FRIOR PELLING DATE: 2001-05-66
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-66
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-66
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-66
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR FILING DATE: 2001-05-66
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-26
FRIOR APPLICATION NUMBER: 09/794,308
FRIOR PILING DATE: 2001-05-26
FRIOR APPLICATION NUMBER: 09/794,308
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    71.9%; Score 46; DB 6; Length 225; 88.9%; Pred. No. 0.24; tive 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: DSRed with 1125R
US-10-209-208-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 88.9
Matches 8; Conservative
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83 KKLSFPEGF 91
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83 KKLSFPEGF 91
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| TITLE OF INVESTION: | COMPANIED | MAINTER AND DIMERIC PLUORESCENT | TITLE OF INVESTION: | MONTHER CAND DIMERIC PLUORESCENT | TITLE OF INVESTION: | MONTHER CAND DIMERIC PLUORESCENT | TITLE OF INVESTION: | MONTHER CAND | MONTHER CA
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RESULT 10 US-11-218-880-20

Sequence 1, Application US/11218880 Publication No. US20060003420A1 GENERAL INFORMATION:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Teien, Roger
APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING
CURRENT APPLICATION NUMBER: US/11/218,880
CURRENT APPLICATION NUMBER: US/10/12,258
PRIOR PRILOR DATE: 2005-09-01
PRIOR PILING DATE: 2001-03-26
PRIOR PILING DATE: 2001-03-26
PRIOR PILING DATE: 2001-05-24
PRIOR PILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 225
Sequence 20, Application US/11218880
Publication No. US20060003420A1
GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
TITLE OF INVENTION: WONDER: US/11/218,880
CURRENT APPLICATION UNMER: US/11/218,880
CURRENT FILING DATE: 2005-09-01
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR PRING DATE: 2002-04-10
PRIOR PRING DATE: 2001-02-26
PRIOR PRING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 24, Application US/11218880; Publication No. US20060003420A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity 88.9%;
Matches 8; Conservative
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Best Local Similarity 88.9
Matches 8; Conservative
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83 KKLSFPEGF 91
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83 KKLSFPEGF 91
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RESULT 12

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; OTHER INFORMATION: wild-type red fluorescent protein based on Discosoma species
US-11-100-988-2
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; OTHER INFORMATION: Discosoma species
US-11-100-988-3
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Sequence 2, Application US/11100988
Publication No. US20060008878A1
GENERAL INFORMATION:
APPLICANT: Bevis, Brooke
APPLICANT: Brooke
APPLICANT: Strongin, Daniel E.
APPLICANT: Strongin, Daniel E.
APPLICANT: Scalley-Kim, Michelle
TITLE OF INVENTION: MONOMBRE REF.
TITLE OF INVENTION: MONOMBRE RUS/11/100,988
CURRENT APPLICATION NUMBER: US/11/100,988
CURRENT FILING DATE: 2005-04-07
PRIOR APPLICATION NUMBER: US 60/560,340
PRIOR FILING DATE: 2004-04-07
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.2
SEQ ID NO 2
LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bevis, Brooke
APPLICANT: Strongin, Daniel E.
APPLICANT: Strongin, Daniel E.
APPLICANT: Strongin, Daniel E.
APPLICANT: Baker, David
APPLICANT: Baker, David
APPLICANT: Booley
TITLE OF INVENTION: MONOMERIC RED FLUORESCENT PROTEINS
FILE REPERRNCE: 092234-9002-US01
CURRENT APPLICATION NUMBER: US/11/100, 988
CURRENT APPLICATION NUMBER: US 60/560,340
PRIOR PELING DATE: 2004-04-07
PRIOR FILING DATE: 2004-04-07
PRIOR FILING DATE: 2004-04-07
NUMBER: OF SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
LENGTH: 225
TYPE: PRT
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 14
US-10-209-208-6
; Sequence 6, Application US/10209208
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Best Local Similarity
Matches 8; Conserva
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Best Local Similarity
Matches 8; Conserv
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ORGANISM: Unknown
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US-11-218-880-6

i Sequence 6, Application US/11218880

j Sequence 7, Application No. US2006003420A1

general information:
    Tablication No. US2006003420A1

general information:
    TITLE OF INVENTION:
    TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

TITLE OF INVENTION: PROTEIN US.11/218,880

CURRENT FILING DATE: 2005-09-01

PRIOR PPLICATION NUMBER: US/11/218,880

PRIOR PPLICATION NUMBER: US/10/121,258

PRIOR PLING DATE: 2002-04-10

PRIOR PLING DATE: 2002-02-26

PRIOR PLING DATE: 2001-02-26

PRIOR PLING DATE: 2001-02-26

PRIOR PLING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 226
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0
Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Gambell, Robert
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083_1CP2CP2
CURRENT FILING DATE: 2002-07-29
FRIOR PILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-24
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 226
TANDER DATE: 2001-02-26
TANDER DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-209-208-6
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Best Local Similarity 88.9
Matches 8; Conservative
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84 KKLSFPEGF 92
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Search completed: January 28, 2006, 06:44:47

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Sequence 5, Appli Sequence 9, Appli Sequence 37, Appli Sequence 17, Appli Sequence 1, Appli Sequence 7, Appli Sequence 1, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 12, Appli Sequence 11, Appli Sequence 12, Appli Sequence 11, Appli

Sequence

Sequence 12, Sequence 15,

Title: Perfect score:

Sequence:

1

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Run on:

Scoring table:

Searched:

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APPLICANT: VRIENTA, Susanne
APPLICANT: VRIENTA, Susanne
APPLICANT: VRIENTA, Luca
APPLICANT: SPERR, Wolfgang R.
APPLICANT: SPERR, Wolfgang R.
APPLICANT: SPERR, Wolfgang R.
APPLICANT: GRONLUND, Hans
TITLE OF INVENTION, NON-ANAPHYLACTIC FORMS OF ALLERGENS AND THEIR USE
FILE REFERENCE: 1614-251P
CURRENT APPLICATION NUMBER: US/09/897,042
CURRENT APPLICATION NOW-SALE SOUL-07-07
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/10026911

Sequence 3, Application US/10026911

GENERAL INFORMATION:

APPLICANT: Focke, Margarete

APPLICANT: Sperr, Wolfgang R.

APPLICANT: Walent, Peter

APPLICANT: Valent, Peter

APPLICANT: Valent, Peter

APPLICANT: Valenta, Rudolf

TITLE OF INVENTION: Allergy Vaccines and Their Preparation

FILE REFERENCE: 0273-0005

CURRENT APPLICATION UNMBER: US/10/026,911

CURRENT FILING DATE: 2002-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 64; DB 3; Length 12; 100.0%; Pred. No. 0.00031;
US-10-001-245-3
US-10-001-245-4
US-10-001-245-5
US-10-001-245-92
US-10-001-245-92
US-10-001-245-92
US-10-001-245-1
US-10-440-516-1
US-10-440-516-1
US-10-440-516-1
US-10-440-516-1
US-10-440-516-1
US-10-440-516-1
US-10-440-516-1
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                                                                                                                                                                                                                                                                                                                                           ; Sequence 20, Application US/09897042; Patent No. US20020018779A1; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
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    US-09-897-042-20
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Sequence 6, 7
Sequence 47,
Sequence 2, 7
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Sequence 36,
Sequence 39,
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Sequence 37,
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

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3: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
                     GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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US-10-026-911-3

US-09-981-0098-1

US-09-847-208-34

US-09-847-208-38

US-09-847-208-38

US-09-847-208-38

US-09-847-208-38

US-10-440-516-4

US-10-440-516-5

US-10-440-516-6

US-10-440-516-6

US-10-440-516-6

US-10-440-516-6

US-10-440-516-8

US-10-440-516-8

US-10-440-516-8

US-10-440-516-8

US-10-799-514-18

US-10-799-514-18

US-10-799-514-18

US-10-799-514-20

US-09-847-208-39

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US-09-847-208-37

US-09-847-208-37
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Maximum Match 100%
Listing first 45 summaries
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Maximum DB seq length: 200000000
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Match Length DB
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US-10-799-514-5
IS Gequence 5, Application US/10799514
Fublication No. US20040241178A1
GENERAL INFORMATION:
APPLICANT: Sperini, Francois
TITLE OF INVENTION: Allergen Peptide Fragments and Use Thereof
TITLE OF INVENTION Allergen Peptide Fragments and Use Thereof
CURRENT FILING DATE: 2004-03-12
FRICH PILING DATE: 2004-03-12
FRIOR FILING DATE: 2004-03-12
NUMBER OF SEQ ID NOS: 23
SUMMER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; ; OTHER INFORMATION: Peptide US-10-799-514-5
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100.0%; Score 64; DB 5; Length 125;
Best Local Similarity 100.0%; Pred. No. 0.0038;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Score 64; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 0.00086;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: solvent-exposed peptide US-10-026-911-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09981009B; Publication No. US20030041354A1; GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kjaerulff, Soren
APPLICANT: Roggen, Erwin; TITLE OF INVENTION: Transgenic Plants
FILE REFERENCE: 10082.200-US
CURRENT APPLICATION NUMBER: US/09/981,009B; CURRENT FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
SEQ ID NO 1
IENGTH: 159
TYPE: PRT
COGANISM: Betula pendula
                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 31
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US-09-981-009B-1
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LENGTH: 125
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Length 159;

DB 3;

100.0%; Score 64;

Query Match

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Sequence 34, Application US/09847208

Publication No. US20030082190A1

GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Stang, Ke
APPLICANT: Zhang, Ke
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 1GE-MEDIATED ALLERGIC DISEASES
FILE REPERENCE: UG67.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 34
LENGTH: 159
TUPE: PRT
TUPE: PRT
TUPE: PRT
TUPE: PRT
CORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 64; DB 3; Length 159; Best Local Similarity 100.0%; Pred. No. 0.0049; Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 0.0049;
tive 0; Mismatches 0; Indels
Best Local Similarity 100.0%; Pred. No. 0.0049; Matches 12; Conservative 0; Mismatches 0; Indels
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US-09-847-208-38
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; Sequence 38, Application US/09847208
; Publication No. US20030082190A1
; GENERAL INPORMATION:
    APPLICANT: Saxon, Andrew
; APPLICANT: Zhu, Daocheng
; TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
; TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
; CURRENT APPLICATION NUMBER: US/09/847,208
; CURRENT FILING DATE: 2001-05-01
; NUMBER OF SEQ ID NOS: 177
; SOFTWARE FREESE FASTERE FOR Windows Version 4.0
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US-09-847-208-40
S-09-847-208-40
; Sequence 40, Application US/09847208
; Publication No. US20030082190A1
; GENERAL INFORMATION:
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Best Local Similarity
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US-09-847-208-34
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TYPE: PRT
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Gaps

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NAME/KEY: MISC_FEATURE
1 LOCATION: (1)...(159)
2 OTHER INFORMATION: Point mutated Bet v 1 allergen (amino acid deletion of residue)
3 OTHER INFORMATION: G111)
US-10-440-516-47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 64; DB 4; Length 160;
Best Local Similarity 100.0%; Pred. No. 0.0049;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Score 64; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0049;
Matches 12; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-440-516-2
Sequence 2, Application US/10440516
Fublication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: Holm, Jens
APPLICANT: Horrand: Perreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/1001446-US1
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US/0/440,516
CURRENT FILING DATE: 2003-05-16
FRIOR APPLICATION NUMBER: US 60/381,440
FRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PATENTIN VETSION 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/100L446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/381,440
PRIOR FILING DATE: 2002-05-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3, Application US/10440516; Publication No. US20040043438A1 GENERAL INFORMATION:
APPLICANT: Holm, Jens APPLICANT: Ferreras, Mercedes
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SOFTWARE: Patentin version 3.2
SEQ ID NO 3
LENGTH: 160
TYPE: PRI
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                ORGANISM: Betula verrucosa
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LENGTH: 160
TYPE: PRT
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US-10-440-516-3
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| Sequence 6, Application US/09957806A
| Sequence 6, Application No. US20050181446A1
| Publication No. US20050181446A1
| GENERAL INFORMATION:
| APPLICANT: Errist, Seeffen
| APPLICANT: Errist, Seeffen
| APPLICANT: Errist, Seben
| APPLICANT: Prist Beben
| APPLICANT: Prist Beben
| APPLICANT: Prist Beben
| APPLICANT: OSCHO, US |
| TILE OF INVENTION: PROTEIN VARIANTS HAVING MODIFIED IMMUNOGENICITY
| FILE REFERENCE: 10021.204-US |
| CURRENT APPLICATION VUNBER: US/09/957,806A |
| CURRENT FILING DATE: 2001-09-21 |
| NUMBER OF SEQ ID NOS: 248 |
| SOFTWARE: PatentIn version 3.1
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                APPLICANT: Zhang, Ke
APPLICANT: Zhang, Ke
APPLICANT: Zhang, Ke
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
FILE REPERENCE: UG67-002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER: OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 40
LENGTH: 159
TYPE: PRT
TYPE: PRT
TYPE: PRT
CORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-40
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US-10-440-516-47
Sequence 47, Application US/10440516
Sequence 47, Application US/10440516
Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: Holm, Jenn Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/1001446-US1
CURRENT FLING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US/10/440,516
CURRENT FLING DATE: 2003-05-16
PRIOR RILING DATE: 2003-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PATENTING DATE: 2003-05-16
NUMBER OF SEQ ID NOS: 89
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Best Local Similarity 100.
Matches 12; Conservative
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Best Local Similarity 100.
Matches 12; Conservative
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APPLICANT: Saxon, Andrew
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LENGTH: 159
TYPE: PRT
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100.0%; Pred. No. 0.0049;
tive 0; Mismatches 0; Indels
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LOCATION: (1). T(160)
OTHER INFORMATION: Point mutated Bet v 1 allergen
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; Publication No. US20040043438A1
; GENERAL INFORMATION:
APPLICANT: Holm, Jens
; APPLICANT: Holm, Jens
; APPLICANT: Ferreras, Mercedes
; TITLE OF INVENTION: Allergen mutants
; FILE REFERENCE: 04305/1001446-US1
; CURRENT APPLICATION NUMBER: US/10/440,516
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: US 60/381,440
; PRIOR APPLICATION NUMBER: US 60/381,440
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PATENTIN VERSION 3.2
; SEQ ID NO 7
                                                                                                         US-10-40-516-6

Sequence 6, Application US/10440516

Sequence 6, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:
APPLICANT: Ferreras Nercedes
TITLE OF INVENTION: Albergen mutents
FILE REFERENCE: 04305/100L446-US1

CURRENT APPLICATION NUMBER: US/10/440, 516

CURRENT FILING DATE: 2003-05-16

PRIOR FILING DATE: 2002-05-16

PRIOR FILING DATE: 2002-05-16

SOFTWARE: PATENTING DATE: 2002-05-16

CURRENT FILING DATE: 2002-05-16

FRIOR FILING DATE: 2002-05-16

SOFTWARE: PATENTING DATE: 2002-05-16

CONTAINED OF 6

LENGTH: 160

CORGANISM: Betula verrucosa
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Best Local Similarity 100.
Matches 12; Conservative
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Matches 12; Conservative
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52 TIKKISFPEGFP 63
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US-10-440-516-7
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  100.0%; Score 64; DB 4; Length 160; 100.0%; Pred. No. 0.0049; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: MISC_FEATURE
LOCATION: (1)._(160)
OTHER INFORMATION: Point mutated Bet v 1 allergen
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LOCATION: (1)..(160)
CTHER INFORMATION: Point mutated Bet v 1 allergen
US-10-440-516-5
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                                                                                                                                                                                                                           US-10-440-516-4

Sequence 4, Application US/10440516

Sequence 4, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:

APPLICANT: Holm, Jens

APPLICANT: Ferreras, Mercedes

TITLE OF INVENTION: Allergen mutants

FILE REFERENCE: 04305/1001446-US1

CURRENT APPLICATION NUMBER: US/10/440,516

CURRENT FILING DATE: 2003-05-16

NUMBER OF SEQ ID NOS: 89

SOFTWARE: Patentin version 3.2

SEQ ID NO 4

LENGTH: 160
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Matches 12; Conservative
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                                               12; Conservative
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  Query Match
Best Local Similarity
Matches 12; Conserv
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Job time : 79.6667 secs

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Sequence 5, Appli Sequence 4, Appl Sequence 4, Appl Sequence 44, Appl Sequence 37, Appl Sequence 36, Appl Sequence 36, Appl Sequence 7144, Appl Sequence 7144, Appl

Sequence 1, Appli Sequence 4, Appli Sequence 2898, Ap Sequence 5167, Ap Sequence 5345, Ap

Sequence 611, App Sequence 340, App Sequence 8, Appli Sequence 110, App

Sat

Perfect score:

Run on:

Scoring table: Sequence:

Searched:

Database

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ADDRESCONTINES AVENUE CITY. New York
CITY: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BATCHIN Release #1.0, Version #1.25
SOFTWARE: PATCHIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: US-JUN 1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOHGE III, HATTY C
REGISTRATION NUMBER: 20,280
REFERENCE/POCKET NUMBER: 6530-010
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRAX: (212) 899-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 23, Application US/07847010
; Sequence 23, Application US/07847010
; Patent No. 5693495
; GENERAL INFORMATION:
   APPLICANT: Breiteneder, Heimo
   APPLICANT: Relevantorier, Arnold
   APPLICANT: Relevantorier, Rudolf
   APPLICANT: Breitenbach, Michael
   APPLICANT: Relevantorier, Rudolf
   APPLICANT: Relevantorier, Ratin
   APPLICANT: Relevantorier, Michael
   APPLICANT: Relevantorier, Otto
   APPLICANT: Rener, Christof
   APPLICANT: Rener, Christof
   APPLICANT: Rener, Christof
   APPLICANT: Rereira, Ratima
   APPLICANT: Relevantorier, Applications Thereof
   TITLE OF INVENTION: Applications Thereof
   TITLE OF INVENTION: Applications Thereof
   NUMBER OF SEQUENCES: 23
   CORRESPONDENCES ADDRESS:
   ADDRESSEE: Pennie & Edmonds
   STREET: 1155 Avenue of the Americas
US-08-676-444-5
US-09-136-574A-44
US-09-861-421A-44
US-09-861-421A-44
US-08-120-456A-37
US-09-851-026-36
US-09-949-016-7144
US-09-149-476-340
US-09-149-476-340
US-09-599-360B-8
US-09-599-360B-10
US-09-599-360B-10
US-08-863-010-10
US-08-911-434A-4
US-09-911-434A-4
US-09-1328-352-5345
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ORIGINAL SOURCE:
     RESULT 1
US-07-847-010-23
       \mathcal{L}_{\mathcal{L}}
       Sequence 12, Appl
Sequence 12, Appl
Sequence 14528, A
Sequence 14528, A
Sequence 175, Appl
Sequence 175, Appl
Sequence 175, Appl
Sequence 160, Appl
Sequence 145, Appl
Sequence 131, Appl
Sequence 271, Appl
Sequence 271, Appl
Sequence 131, Appl
Sequence 14142, A
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10, Appl
5, Appli
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Sequence 3, Appli
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                                                                                                                              January 28, 2006, 06:20:07; Search time 18.6667 Seconds (without alignments) 53.149 Million cell updates/sec
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/cgn2_6/ptodata/1/iaa/H_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
                           GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-866-538-12

US-09-865-291-12

US-09-248-796A-14528

US-09-205-658-135

US-09-205-658-136

US-09-205-658-159

US-09-205-658-159

US-09-205-658-159

US-09-205-658-159

US-09-205-658-159

US-09-205-658-159

US-09-205-658-159

US-09-205-658-160

US-09-205-658-160

US-09-480-44-145

US-09-940-244-145

US-09-940-244-145

US-09-107-532A-5318

US-09-134-000C-5262

US-09-134-00C-5262

US-09-134-00C-53518

US-09-134-00C-5351
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                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-688-988-34
US-08-688-988-10
US-08-468-558-5
                                                                                                                                                                                                                                                                                                                                   572060 segs, 82675679 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                             BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Issued Patents AA:*
                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                          1 TIKKISFPEGFP 12
                                                                                                                                                                                                     US-09-897-042-20
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Match Length DB
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65.6
64.8
64.8
64.8
64.8
62.5
62.5
62.5
62.5
62.5
62.5
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Score

Result

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53 TIKKITFPEGSP 64
                                                                                US-09-866-538-12
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                                                                                                      Length 160;
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                                                                              Score 64; DB 1; Length Lo. Pred. No. 0.00029;
                                    ILIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN US-07-847-010-23
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Valenta, Nudolf
APPLICANT: Hoffmann - Sommergruber, Karin
APPLICANT: Breitenbach, Michael
APPLICANT: Rraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Scheiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Perreira, Patima
TITLE OF INVENTION: Albergens of Alder Pollen and
TITLE OF INVENTION: Applications Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jones III, Harry C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
TELECOMMUNICATION INFORMATION:
                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Pennie & Edmonds STREET: 1155 Avenue of the Americas CITY: New York STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION:

(212) 790-9090

(ELEFAX: (212) 869-9741/8864

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENUTH: 160 amino acids

TYPE: amino acid

TOPOLOGY: line-

MOLECULE """
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                        Sequence 3, Application US/07847010
Patent No. 5693495
  birch (Betula sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Alder (Alnus sp.)
                                                                                                 Query Match
Best Local Similarity 100.0%;
Matches 12; Conservative 0
                                                                                                                                                                                    1 TIKKISFPEGFP 12
                                                                                                                                                                                                                           53 TIKKISFPEGFP 64
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MOLECULE TYPE: peptide
HYPOTHETICAL: NO
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & 1
ORGANISM: bir
IMMEDIATE SOURCE
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US-07-847-010-3
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1 TIKKISFPEGFP 12

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| Sequence 12, Application US/09865291
| Sequence 12, Application US/09865291
| Patent No. 6900304
| Patent No. 6900304
| GENERAL INFORMATION:
| APPLICANT: TSIEN, ROGER
| APPLICANT: TSIEN, ROGER
| APPLICANT: TAING, Alice
| APPLICANT: ZHANG, Jin
| TILLE OF INVENTION: EMISSION RATIOMETRIC INDICATORS OF PHOSPHORYLATION
| FILE REPERENCE: REGENISE,
| CURRENT APPLICATION NUMBER: US/09/865,291
| CURRENT FILING DATE: 2001-05-24
| NUMBER OF SEQ ID NOS: 42
| SOFTWARE: PatentIn version 3.0
| SEQ ID NO 12
| LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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; Sequence 2, Application US/10152296
; Sequence 2, Application US/10152296
; Patent No. 6723537
; GENERAL INFORMATION:
; APPLICANT: Peelle, Beau
; APPLICANT: Rigel Pharmaceuticals, Incorporated
; APPLICANT: Rigel Pharmaceuticals, Incorporated
; TITLE OF INVENTION: Directed Evolution of Protein in Mammalian Cells
; FILE REFERENCE: 021044-000110US
; CURRENT APPLICATION NUMBER: US/10/152,296
; CURRENT FILING DATE: 2002-12-10
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Sequence 12, Application US/09866538;
Patent No. 6852849;
GENERAL INFORMATION:
APPLICANT: REGERTS OF THE UNIVERSITY OF CALIFORNIA
TITLE OF INVENTION: NON-OLIGOMERIZING FLUORESCENT PROTEINS
TITLE OF INVENTION: NON-OLIGOMERIZING FLUORESCENT PROTEINS
FILE REFERENCE: REGENIS 0.0-05-24;
CURRENT APPLICATION NUMBER: US/09/866,538;
CURRENT FILING DATE: 2001-05-24;
NUMBER OF SEQ ID NOS: 29;
SOFTWARE: PATENT OF SEQ ID NOS: 29;
SEC ID NO 12;
SEC ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 46; DB 2; Length 225; Pred. No. 0.97;
                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 2; Length 225; 0.97;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 46;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                          71.9%;
88.9%;
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88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8; Conservative
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                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
CRGANISM: Discosoma sp.
US-09-866-538-12
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83 KKLSFPEGF 91
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 KKISFPEGF 11
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Best Local Similarity
Matches 8; Conser
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Best Local Similarity
Matches 8; Conserv
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Pred. No. 3.4;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 175, Application US/09205658
; Sequence 175, Application US/09205658
; Retent No. 6861266
; GENERAL INFORMATION:
APPLICANT: NUVAUN, GATY
; APPLICANT: NUVAUN, GATY
; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: UMPAIRED GLUCOSE TOLERANCE CONDITIONS
; FILE REFERENCE: 007086/351004
; CURRENT APPLICATION NUMBER: US/09/205,658
; CURRENT FILING DATE: 1998-12-03
; EARLIER APPLICATION NUMBER: 08/885,7076
; EARLIER FILING DATE: 1997-07-07
; EARLIER FILING DATE: 1998-05-15
; NUMBER: OF SEQ ID NOS: 328
; SOFTWARE: FRESESC for Windows Version 4.0
; SEQ ID NO 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 98;
Length 514;
                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Ruvkun, Gary
APPLICANT: Ogg, Scott
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00786/351004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      64.8%; Score 41.5; DB 2; 56.2%; Pred. No. 2.6;
Score 42; DB 2;
Pred. No. 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/205,658
CURRENT FILING DATE: 1998-12-03
EARLIER APPLICATION NUMBER: 08/897,076
EARLIER FILING DATE: 1997-05-15
EARLIER FILING DATE: 1997-05-15
EARLIER FILING DATE: 1997-05-15
EARLIER FILING DATE: 1997-05-15
NUMBER OF SEQ ID NOS: 328
SOFTWARE: FastSEQ for Windows Version 4.0
SOCIUM NO 194
LENGTH: 98
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                                                       2; Mismatches
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Patent No. 6861256
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US-09-205-658-175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Caenorhabditis elegans
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56.2%;
65.6%;
63.6%;
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59 LKRIQELDFSFPEGFP 74
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Best Local Similarity 56.2
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9; Conservative
                                                             7; Conservative
                                                                                                                  1 TIKKISFPEGF 11
                                                                                                                                                          32 TLSRASFPEGF 42
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Matches 9; Conserv
   Query Match
Best Local Similarity
Matches 7; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 9
US-09-205-658-175
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CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT APPLICATION NUMBER: US 60/074,725
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR SEQ ID NOS: 28208
SEQ ID NO 14228
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                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:mammalian OTHER INFORMATION: codon-optimized variant (Dereb) of Discosoma sp., OTHER INFORMATION: "red" red fluorescent protein (RFP) US-10-152-266-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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US-066-68-988-35
US-06-68-98-35
US-06-68-98-35
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US-06-68-98-35
US-06-68-98-35
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Pred. No. 3.1;
                                                                                                                                                                                                                                                                                                                                                                                                                Score 46; DB 2; Length 240;
Pred. No. 1;
1; Mismatches 0; Indels
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US-09-248-796A-14528
; Sequence 14528, Application US/09248796A
; Patent No. 6747137
      PRIOR APPLICATION NUMBER: US 60/291,871
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LENGTH: 240
                                                                                                                                                                                                                                                                                                                                                                                                                         71.9%;
88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          70.3%;
                                                                                                                                                                                  TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     117 TIRKETLPEGFP 128
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Best Local Similarity 88.9
Matches 8; Conservative
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US-08-688-988-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ||:||||||
84 KKLSFPEGF 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 KKISFPEGF 11
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Matches 8; Conserv
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                                                                                                                                                                                                                                          FEATURE:
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319 LKRIQELDFSFPEGFP 334
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; Sequence 160, Application US/09205658
; Patent No. 6861256
; GENERAL INFORMATION:
APPLICANT: RUYKUN, GATY
; APPLICANT: OGG, SCOCT
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: INPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00786/351004
; CURRENT FILING DATE: 1998-12-03
; EARLIER FILING DATE: 1998-12-05
; EARLIER FILING DATE: 1997-05-15
; EARLIER FILING DATE: 1997-07-07
; EARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 328
; SOFTWARE: FEELSER OF WINDOWS VERSION 4.0
; SEQ ID NO 160
; SEQ ID NO 160
                                                                                                                                                                                                                                                                          APPLICANT: RUVKHI, Gary
APPLICANT: RUVKHI, Gary
APPLICANT: Gary
TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC TOOLS FOR
TITLE OF INVENTION: IMPAIRED GLUCOSE TOLERANCE CONDITIONS
FILE REFERENCE: 00786/351004
CURRENT APPLICATION NUMBER: US/09/205,658
CURRENT PILLING DATE: 1998-12-03
FARLIER APPLICATION NUMBER: 08/8857,076
EARLIER PILLING DATE: 1997-05-15
EARLIER APPLICATION NUMBER: 08/888,534
EARLIER PILLING DATE: 1997-07-07
EARLIER PILLING DATE: 1998-05-15
NUMBER OF SEQ ID NOS: 328
SOUTHWARE: FASISEQ for Windows Version 4.0
SEQ ID NO 159
LENGTH: 632
                                                                                                                                                                           US-09-205-658-159
; Sequence 159, Application US/09205658
; Patent No. 6861256
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            :|:|
317 LKRIQELDFSFPEGFP 332
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                          2 IKKI----SFPEGFP 12
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29 LKRIQELDFSFPEGFP 44
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US-09-205-658-160
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APPLICANT: Hyamichev, Victor I.
APPLICANT: Hyamichev, Victor I.
APPLICANT: Brow, Mary Ann D.
TITLE OF INVENTION: Betection Of Nucleic Acids By Multiple
TITLE OF INVENTION: Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STRYE: California
COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 2;
25;
; Sequence 273, Application US/09489847; Patent No. 6476195; GENERAL INFORMATION: APPLICANT: ROSen et al TPLICE OF INVENTION: 98 Human Secreted Proteins; FILE REFERENCE: PZ031P1
                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/489,847
CURRENT FILING DATE: 2000-01-24
EARLIER APPLICATION NUMBER: PCT/US99/17130
EARLIER APPLICATION NUMBER: PCT/US99/17130
EARLIER FILING DATE: 1998-07-29
EARLIER FILING DATE: 1998-08-05
EARLIER FILING DATE: 1998-08-05
EARLIER PPLICATION NUMBER: 60/095,486
EARLIER PLING DATE: 1998-08-12
EARLIER APPLICATION NUMBER: 60/095,454
EARLIER APPLICATION NUMBER: 60/095,454
EARLIER PILING DATE: 1998-08-06
SEALIER PILING DATE: 1998-08-06
SEALIER PILING DATE: 1998-08-06
SEALIER PILING DATE: 1998-08-06
SEQUEWARE: PATENTIN VET. 2.0
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Pred. No.
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21-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94104
COMPUTER REARABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-823-516-145; Sequence 145; Application US/08823516; Patent No. 5994069; GENERAL INFORMATION:
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50.0%;
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Best Local Similarity 50.v.
6; Conservative
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234 TLMSANYPEGFP 245
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APPLICATION NUMBER: F
FILING DATE: 21-JAN-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Homo sapiens
US-09-489-847-273
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GENERAL INFORMATION:

APPLICANT: Hall, Jeff G.

Lyamichev, Victor I.

Mack, Andrea L.

Mack, Andrea L.

Brow, Mary Ann D.

TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 190

CORRESPONDENCE ADDRESS:

ADDRESSEE: Medlen & Carroll, LLP

STREET: 220 MONTGOMERY Street, Suite 2200

CITY: San Francisco
                                                                                                                                                                                                                                                                                        STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER: United States Of America
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC Compatible
COMPUTER: ISM PC Compatible
COMPUTER: TAM PC Compatible
COMPUTER: TAM PC COMPATIBLE
COMPUTER: TAM PC COMPATIBLE
COMPUTER: Parentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATE:
RELING DATE: 08-Feb-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                62.5%; Score 40; DB 2; Length 434; 70.0%; Pred. No. 27; 2; Indels :ive 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION: COLLABORIAN PRIOR APPLICATION NUMBER: PCT/US97/01072 FILING DATE: 21-JAN 1997 APPLICATION NUMBER: US 08/759,038 FILING DATE: 02-DEC-1996 APPLICATION NUMBER: US 08/758,314 FILING DATE: 29-NOV-1996 APPLICATION NUMBER: US 08/62,853 FILING DATE: 12-JUL-1996 APPLICATION NUMBER: US 08/682,853 FILING DATE: 24-JUL-1996 APPLICATION NUMBER: US 08/599,491 FILING DATE: 24-MAR-1996 APPLICATION NUMBER: US 08/593,516 FILING DATE: 24-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: MacKnight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-03295
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 145:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Search completed: January 28, 2006, 06:24:30 Job time : 18.6667 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 434 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 397-83
INFORMATION FOR SEQ ID NO: 145:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 70.0
Matches 7; Conservative
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Patent No. 6872816
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Pred. No. 27;
1; Mismatches 2; Indels
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; 27;
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; Sequence 145, Application US/09940244
; Patent No. 6692917
; GENERAL INFORMATION:
    APPLICANT: Nert, Burce P.
    APPLICANT: Hall, Jeff G.
    APPLICANT: Lyamichev, Victor
    APPLICANT: Smith, Lloyd M.
    TITLE OF INVENTION: Reactions on Dendrimers
    FILE REFERENCE: Someth, Lloyd M.
    TITLE OF INVENTION: ROACH 18
    CURRENT PAPLICATION NUMBER: US/09/940,244
    CURRENT FILING DATE: 2002-05-06
    NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                        NAME: Ingolia, Diane E.
REGISTRATION VIMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMUNICATION INFORMATION:
TELEPRONE: (415) 705-8410
TELEPRONE: (415) 397-8338
INFORMATION FOR SEQ ID NO: 145:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 40;
Pred. No.
                PRIOR PEPLICATION DATE:

PRIOR PAPELICATION NUMBER: US

PRIOR PAPLICATION DATE:

PRIOR PAPLICATION DATE:

APPLICATION NUMBER: US

PRIOR PAPLICATION DATE:

APPLICATION NUMBER: US

PRIOR DATE: 29-NOV-1996

PRIOR DATE: 29-NOV-1996

PRIOR DATE: 12-ULL-1996

PRIOR DATE: 12-ULL-1996

PRIOR DATE: 12-ULL-1996

PRIOR DATE: 12-ULL-1996

PRIOR DATE: 24-DAN-1996

PRILING DATE: 24-DAN-1996

PRILING DATE: 24-DAN-1996

ATTORNEY/AGENT INFORMATION:
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US-09-381-212-145
; Sequence 145, Application US/09381212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Cunninghamella elegans
US-09-940-244-145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 434 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              62.5%;
70.0%;
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Best Local Similarity 70.0
Matches 7; Conservative
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Best Local Similarity
7, Conserva
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Sequence 983, App
Sequence 1, Appli
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Sequence 26, Appl
Sequence 6, Appli
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                                                                                                                           January 28, 2006, 06:23:49; Search time 12.3333 Seconds (without alignments) 10.536 Million cell updates/sec
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Sequence 6, A
Sequence 320,
Sequence 319,
Sequence 117,
Sequence 317,
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Sequence 24,
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Sequence 8,
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1: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/USIO_NEW_PUB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/USIO_NEW_PUB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/USIO_NEW_PUB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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US-11-102-883-26

US-11-102-883-36

US-11-102-883-30

US-11-102-883-30

US-11-102-883-30

US-11-102-883-30

US-11-102-883-30

US-10-209-108-10

US-10-821-234-983

US-10-209-208-10

US-10-209-208-10

US-10-209-208-10

US-11-218-880-24

US-11-218-880-6

US-11-218-880-6
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                                                                                                                                                                                                                                                                                                                                                                                     75621 segs, 10829074 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                        OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                 BLOSUM62
Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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64
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Match Length DB
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                                                                                                                                                                                                                                                                                                                   Scoring table:
                                                                                                                                                                                                                                                  Perfect score:
                                                                                                                                                                                                                                                                         Sequence:
                                                                                                                                                                                                                                                                                                                                                                                     Searched:
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                                                                                                                                    Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Result
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se 318, App	ce 10, Appl	٠.	•	se 455, App	ce 10, Appl	ce 48, Appl	ce 87, Appl	ce 50, Appl	2, 4	ce 49, Appl	ce 5, Appli	38,	ce 36, Appl	34,	ce 62, Appl	64,	42,	ce 40, Appl	32,
Seguence	Seguence	Sequence	Seguence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence
US-10-055-877-318	US-11-147-109-10	US-11-052-554A-140	US-10-793-626-3004	US-11-024-959-455	US-10-624-932-10	US-11-147-047-48	US-11-052-554A-87	US-10-453-372-50	US-11-145-631-2	US-11-147-047-49	US-11-145-631-5	US-10-453-372-38	US-10-453-372-36	US-10-453-372-34	US-10-453-372-62	US-10-453-372-64	US-10-453-372-42	US-10-453-372-40	US-10-453-372-32
9	7	7	9	7	9	7	7	9	7	7	,	9	ø	9	9	9	9	9	9
675	768	1436	186	327	664	738	795	869	1024	1070	1204	2612	2669	3104	3104	3104	3130	3483	3546
53.1	53.1	53.1	51.6	51.6	51.6	51,6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
34	34	34	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
56	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

## ALIGNMENTS

```
VS-11-102-883-18

APPLICANT: Lamping, Norbert

APPLICANT: Lamping, Norbert

APPLICANT: Pluckiger, Sabina

APPLICANT: Pluckiger, Sabina

APPLICANT: Pluckiger, Sabina

APPLICANT: Daigle, Isabelle

TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for

TITLE OF INVENTION: Uses Thereof

TITLE OF INVENTION: Uses Thereof

FILE REFERENCE: 03100234pa

CURRENT APPLICATION NUMBER: US/11/102,883

CURRENT FILING DATE: 2002-10-11

PRIOR APPLICATION NUMBER: PCT/EP2003/011190

PRIOR APPLICATION NUMBER: PCT/EP2003/011190

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PatentIn version 3.2
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Sequence 26, Application US/11102883
Publication No. US20050281816A1
GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
APPLICANT: Fluckider, Sabina
APPLICANT: Daigle, Isabelle
TITLE OF INVENTION: Modulat Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Modulating Immune Reactions, Associated Constructs, Methods an
TITLE OF INVENTION: Uses Thereof
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Betula verrucosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                62 GPGTIKKISFPE 73
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Gaps

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APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
APPLICANT: Crameri, Reto
APPLICANT: Cluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Pluckiger, Sabina
APPLICANT: Daigle, Isabelle
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Modularing Immune Reactions, Associated Constructs, Methods and
TITLE OF INVENTION: Uses Thereof
FILE REFERENCE: 03100234pa
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
NUMBER OF FEQ ID NOS: 44
SOFTWARE: Patentin Version 3.2
SEQ ID NO 30
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1.1;
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Publication No. US20050266518A1
GENERAL INFORMATION:
APPLICANT: BERTY, Alan
APPLICANT: HUMBELIN, Warner
APPLICANT: HUMBELIN, Warkus
APPLICANT: LOPEZ-ULIBARRI, Rual
APPLICANT: WAYER, Anne F.
APPLICANT: YELISEEV, Alexei A.
TITLE OF INVENTION: IMPROVED ISOPRENOID PRODUCTION
FILE REPERENCE: C38435/121966
CURRENT APPLICATION NUMBER: US/11/129,143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 7;
1.1;
CURRENT APPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2005-04-11
PRIOR APPLICATION NUMBER: EP02022774.0
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
LENGTH: 283
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Pred. No. 1.1;
3; Mismatches
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Pred. No. 1
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58.3%;
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US-11-102-883-30
                                                                                                                                                                                                                                          Query Match
Best Local Similarity 58..
7; Conservative
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Best Local Similarity 58..
7; Conservative
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                                                                                                                                                                                                                                                                                                                                1 GPGTIKKISFPE 12
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                                                                                                                                                                                                       ; ORGANISM: tat-Ii-api g 1
US-11-102-883-32
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APPLICANT: Crameri, Reto
APPLICANT: Pluckiger, Sabina
APPLICANT: Daigle, Isabelle
TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) for
TITLE OF INVENTION: Modulating Immune Reactions, Associated Constructs, Methods and
FILE OF INVENTION: Uses Thereof
FILE REPERENCE: 03100234pa
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US-11-102-883-6
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100.0%; Score 64; DB 7; Length 300;
Best Local Similarity 100.0%; Pred. No. 0.0001;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                             Length 289;
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                                                                                                                                                                                                                                                                             Score 64; DB 7; 1
Pred. No. 9.7e-05;
     ; FILE REFERENCE: 03100234pa
; CURRENT APPLICATION NUMBER: US/11/102,883
; CURRENT FILING DATE: 2005-04-11
; PRIOR APPLICATION NUMBER: EP02022774.0
; PRIOR PILING DATE: 2002-10-11
; PRIOR FILING DATE: 2003-10-09
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin version 3.2
; LENGTH: 289
                                                                                                                                                                                                                                                                                                               0; Mismatches
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APPLICANT: Lamping, Norbert; APPLICANT: Crameri, Reto
                                                                                                                                                                                                                                                                             100.0%;
                                                                                                                                                                                                                                                                                                                                                                         179 GPGTIKKISFPE 190
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Best Local Similarity 100.
Matches 12; Conservative
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                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: tat-Ii-bet v 1
US-11-102-883-26
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US-11-102-883-6
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Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-821-234-983; Application US/10821234; Sequence 983; Application US/10821234; Publication No. US20050255114A1; GENERAL INFORMATION:
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45.5%;
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Best Local Similarity 45.5
   5; Conservative
                                                                                               239 PGKVEEVSLPE 249
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                                                         2 PGTIKKISFPE 12
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Matches
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APPLICANT: Millennium Pharmaceuticals, Inc.
APPLICANT: Robison, Keith E.
APPLICANT: Robison, Keith E.
APPLICANT: Robison, Mark W.
APPLICANT: Robison, Mark W.
APPLICANT: Milliamson, Mark W.
APPLICANT: Cock, Milliam James
APPLICANT: Cock, Milliam James
APPLICANT: Cock, Milliam James
APPLICANT: Carroll, Joseph M.
APPLICANT: Carroll, Joseph M.
APPLICANT: Carroll, Joseph M.
APPLICANT: Chun, Miyoung
TITLE OF INVENTION: S5092 AND 10218 MOLECULES AND USES THEREFOR
TITLE OF INVENTION: S5092 AND 10226, 701
CURRENT APPLICATION NUMBER: US/11/226, 701
CURRENT APPLICATION NUMBER: US/200-914
PRIOR FILING DATE: 2003-03-11
PRIOR PLING DATE: 2000-09-22
PRIOR PLING DATE: 2000-09-22
PRIOR PLING DATE: 2000-09-22
PRIOR PLING DATE: 2000-11-28
PRIOR PLING DATE: 2000-11-28
PRIOR PLING DATE: 2000-01-29
PRIOR PLING DATE: 2000-01-20-39
PRIOR PLING DATE: 2000-01-20-30
PRI
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                                                                                                                                                                                                                                                                        Query Match 56.2%; Score 36; DB 7; Length 378; Best Local Similarity 50.0%; Pred. No. 19; Matches 6; Conservative 1; Mismatches 5; Indels
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COTHER INFORMATION: Xaa = Any Amino Acid
US-11-226-701-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8, Application US/11226701
Publication No. US20060009632A1
GENERAL INFORMATION:
         2005-05-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 56.2%;
45.5%;
      CURRENT FILING DATE: 2005-05-1
NUMBER OF SEQ ID NOS: 197
SOFTWARE: Patentin version 3.1
SEQ ID NO 49
LENGTH: 378
                                                                                                                                                                                        , ORGANISM: Paracoccus sp. R114
US-11-129-143-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    209 GPGSISSFDLPE 220
                                                                                                                                                                                                                                                                                                                                                                                                           1 GPGTIKKISFPE 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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LENGTH: 608
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CURRENT APPLICATION NUMBER: 10/12,699

PRIOR APPLICATION NUMBER: 10/412,699

PRIOR APPLICATION NUMBER: 10/412,699

PRIOR PILING DATE: 2000-02-17

PRIOR PELING DATE: 2000-02-17

PRIOR PILING DATE: 2000-02-17

PRIOR PILING DATE: 1099-05-09

PRIOR PILING DATE: 1099-05-09

PRIOR PILING DATE: 1099-05-09

PRIOR PILING DATE: 1099-05-09

PRIOR PILING DATE: 2000-03-22

PRIOR PILING DATE: 2000-03-23

PRIOR PILING DATE: 2000-03-23

PRIOR PILING DATE: 2000-03-23

PRIOR PILING DATE: 2000-03-23

PRIOR APPLICATION NUMBER: 60/125,814

PRIOR PILING DATE: 2000-11-16

PRIOR PILING DATE: 2000-11-16
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APPLICANT: CANALES, ROGER
APPLICANT: REBETTI, Peter
APPLICANT: RUMINOTO, Roderick W
APPLICANT: GUTTERSON, Neal
APPLICANT: REUBER, T. Lynne
APPLICANT: SHERAM, Bradley K
TITLE OF INVENTION: PLANT FRANSCRIPTIONAL REGULATORS OF DROUGHT STRESS
FILE REFERENCE: MB10058-CIP
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US-10-714-887-88
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Pred. No. 13;
4; Mismatches
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JERUSTAL INFORMATION:

APPLICANT: Taien, Roger

APPLICANT: Taien, Roger

APPLICANT: Taien, Roger

APPLICANT: Geoffrey Baird

TITLE OF INVENTION: FUURESCENT PROTEIN VARIANTS AND METHODS

TITLE OF INVENTION: FOR MAKING SAME

FILE REFERENCE: UCOR3.1.CP2C29

CURRENT APPLICATION NUMBER: US/10/209,208

FRIOR APPLICATION NUMBER: 10/121,258

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR FILING DATE: 2001-05-24

PRIOR FILING DATE: 2001-05-26

NUMBER OF SEQ ID NOS: 80

SOFTWARE: PARSENCE OF WINDOWS Version 4.0
APPLICANT: Campbell, Robert

APPLICANT: Gooffrey Baird

TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT PILING DATE: 2002-07-29
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 225
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Pred. No. 26;
1; Mismatches 0; Indels
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Pred. No. 26;
1; Mismatches
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US-10-209-208-24
; Sequence 24, Application US/10209208
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Publication No. US20050244921A1
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85.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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nes 6; Conserv
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Best Local Similarity
Matches 6; Conserv
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APPLICANT: Labat, Ivan
APPLICANT: Stache-Crain, Birgit
APPLICANT: Stache-Crain, Susan
APPLICANT: Andarmani, Susan
APPLICANT: Tangy Y. Tom
TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
FILE REFERENCE: 821A
CURRENT APPLICATION NUMBER: US/10/821,234
CURRENT APPLICATION NUMBER: US 60/462,047
PRIOR APPLICATION NUMBER: US 60/462,047
PRIOR FILING DATE: 2003-04-07
PRIOR FILING DATE: 2003-04-07
NUMBER OF SEQ ID NOS: 170-4
SOFTWARE: pt_SEQ_genes Version 1.0
SEQ ID NO 983
LENGTH: 285
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## Sequence 1, Application US/10209208

## Publication No. US20050244921A1

## Sequence 1, Spolication US/10209208

## Publication No. US20050244921A1

## APPLICANT: Taien, Roger

## APPLICANT: Geoffrey Baird

## TITLE OF INVENTION: FOR MAKING SAME

## FILE REFERENCE: UC083.1CP2CP2

## CURRENT FILING DATE: 2002-07-29

## PRIOR PELICATION NUMBER: 10/121,258

## PRIOR APPLICATION NUMBER: 09/866,538

## PRIOR APPLICATION NUMBER: 09/866,538

## PRIOR APPLICATION NUMBER: 09/794,308

## PRIOR APPLICATION NUMBER: 09/794,308

## PRIOR FILING DATE: 2001-05-26

## PRIOR FILING DATE: 2001-02-26

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Pred. No. 22;
2; Mismatches 3; Indels
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Pred. No. 26;
1; Mismatches 0; Indels
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LOCATION: (1)...(225)

; OTHER INFORMATION: wild-type DsRed

US-10-209-208-1
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: TSIEN, Roger
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Best Local Similarity 54.5%;
Matches 6; Conservative
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Best Local Similarity 85.7
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
US-10-821-234-983
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Search completed: January 28, 2006, 06:44:47 Job time : 13.333 secs
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Best Local
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APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOREILC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: MONOMERIC AND DIMERIC PLUORESCENT
TITLE OF INVENTION: PROCTEIN VARIANTS AND METHODS FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP1
CURRENT APPLICATION NUMBER: US/11/218,880
CURRENT FILING DATE: 2005-09-01
PRIOR APPLICATION NUMBER: US/10/121,258
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR PILING DATE: 2001-02-26
PRIOR PLING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 1
SEQ ID NO 1
LENGTH: 225
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                                   APPLICANT: Tamphall, Robert
APPLICANT: Campbell, Robert
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: LOCAS: LOCACOZOP
CURRENT APPLICATION NUMBER: US/10/209, 208
CURRENT FILING DATE: 2002-07-29
FRIOR PILING DATE: 2002-04-10
FRIOR PILING DATE: 2001-05-24
FRIOR FILING DATE: 2001-05-24
FRIOR FILING DATE: 2001-05-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 225
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Pred. No. 26;
1; Mismatches 0; Indels
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i_CCATION: (1)...(225)
CTHER INFORMATION: wild-type DsRed
US-11-218-880-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 1, Application US/11218880
; Publication No. US20060003420A1
; GENERAL INFORMATION:
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85.7%;
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Publication No. US20050244921A1 GENERAL INFORMATION:
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Best Local Similarity 85.7
Matches 6; Conservative
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Matches 6; Conservative
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US-11-218-880-1
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Gaps
US-11-218-880-4, Application US/11218880

Sequence 4, Application US/11218880

Publication No. US20060003420A1

GENERAL INFORMATION:

APPLICANT: Taien, Roger

APPLICANT: Taien, Roger

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: MONOMER: US/11/218,880

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT PILING DATE: 2005-09-01

PRIOR PILING DATE: 2002-04-10

PRIOR FILING DATE: 2001-00-26

PRIOR FILING DATE: 2001-00-26

PRIOR FILING DATE: 2001-05-24

NUMBER: OF SEQ ID NOS: 78

SEQ ID NO 4

LENGTH: 225

LENGTH: 225

LENGTH: 225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 34; DB 7; Pred. No. 26; 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    53.1%;
85.7%;
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RESULT 1
US-09-897-042-19
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US-10-026-911-3
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LENGTH: 12
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Sequence 3, Appli
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                                                                                                                                    January 28, 2006, 06:23:08; Search time 79.6667 Seconds (without alignments) 62.937 Million cell updates/sec
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Sequence 2, 1
Sequence 3, 1
Sequence 4, 1
Sequence 5, 1
Sequence 5, 1
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Sequence 47,
Sequence 37,
Sequence 5,
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Sequence 34,
Sequence 37,
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Sequence 6
Sequence 7
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(cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USO9_PUBCOMB.pep:*

(cgn2_6/ptodata/1/pubpaa/USIOA_PUBCOMB.pep:*

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(cgn2_6/ptodata/1/pubpaa/USIOB_PUBCOMB.pep:*
                      GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
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US-10-026-911-3

US-10-799-514-5

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US-09-847-208-37

US-09-847-208-37

US-09-847-208-37

US-09-847-208-37

US-09-847-208-37

US-00-001-245-2

US-10-001-245-4

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US-10-001-245-5

US-10-001-245-5

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Maximum Match 100%
Listing first 45 summaries
                                                                                                   - protein search, using sw model
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seq length: 200000000
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64
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Maximum DB
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Gaps
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| Batent No. US20020018779A1
| GENERAL INFORMATION:
| APPLICANT: VALENTP, Rudolf
| APPLICANT: VARGELISTA, Luca
| APPLICANT: VARGELISTA, Luca
| APPLICANT: SPERR, Wolfgang R.
| APPLICANT: SPERR, Christof
| APPLICANT: KRAFT, Dietrich
| APPLICANT: GRONLUND, Hans
| TILE OF INVENTION: NON-AMBHYLACTIC FORMS OF ALLERGENS AND THEIR USE
| FILE REFERENCE: 1614-751P
                            Sequence 5, A
Sequence 6, A
Sequence 7, A
Sequence 11,
Sequence 11,
Sequence 12,
Sequence 12,
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Sequence 19,
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Sequence 3, Application US/10026911
Bublication No. US20030078201A1
GENERAL INFORMATION:
APPLICANT: Socke, Margarete
APPLICANT: Sperr, Wolfgang R.
APPLICANT: Sperr, Wolfgang R.
APPLICANT: Valent, Peter
APPLICANT: Valent, Peter
APPLICANT: Valent, Peter
APPLICANT: Valent, Peter
APPLICANT: Valenta, Rudolf
TITLE OF INVENTION: Allergy Vaccines and Their Preparation
FILE REFERENCE: 0273-0005
CURRENT APPLICATION NUMBER: US/10/026,911
CURRENT FILING DATE: 2002-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 64; DB 3; Length 12; 100.0%; Pred. No. 0.00022; ive 0; Mismatches 0; Indels
US-10-440-516-3
US-10-440-516-4
US-10-440-516-5
US-10-440-516-6
US-10-440-516-1
US-10-440-516-12
US-10-440-516-12
US-10-440-516-12
US-10-440-516-15
US-10-440-516-20
US-10-440-516-24
US-10-440-516-24
US-10-440-516-25
                                                                                                                                                                                                                                                                                                              ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/897,042 CURRENT FILING DATE: 2001-07-07 NUMBER OF SEQ ID NOS: 21 SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 100.
Matches 12; Conservative
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100.0%; Score 64; DB 3; Length 159; 100.0%; Pred. No. 0.0034; Live 0; Mismatches 0; Indels
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                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 37, Application US/09847208
Publication No. US20030082190A1
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Thu, Daocheng
TITLE OF INVENTION: IgE-MEDIATED ALLERGIC DISEASES
FILE REFREENCE: USC7. 002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT PILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
                                                                                                                                                                                                               Sequence 34, Application US/09847208
Publication No. US20030082190A1
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Zhu, Daocheng
TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
FILE REPERENCE: UGG7.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT APPLICATION NUMBER: 177
CURRENT APPLICATION OF 177
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
  Best Local Similarity 100.0%; Pred. No. 0.0034; Matches 12; Conservative 0; Mismatches 0;
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US-09-847-208-38
US-09-847-208-38
; Sequence 38, Application US/09847208
; Publication No. US20030082190A1
; GENERAL INFORMATION:
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Best Local Similarity 100.
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US-10-799-514-5

Sequence 5, Application US/10799514

Publication No. US20040241178A1

GENERAL INFORMATION:
APPLICANT: Spertini, Francois
TITLE OF INVENTION: Allergen Peptide Fragments and Use Thereof
TITLE OF INVENTION: Allergen Peptide Fragments and Use Thereof
CURRENT APPLICATION NUMBER: US/10/799,514

CURRENT APPLICATION NUMBER: 60/455,004

PRIOR PILING DATE: 2004-03-12

PRIOR FILING DATE: 2003-03-14

NUMBER OF SEQ ID NOS: 23

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 5

LEAST SEQ ID NO 5

LEAST SEQ ID NO 5

LEAST SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Synthetic POTHER INFORMATION: Peptide US-10-799-514-5
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                                                                                                                                                                                                                                                 Length 31;
                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: CTHER INFORMATION: solvent-exposed peptide US-10-026-911-3
                                                                                                                                                                                                                                             Query Match
100.0%; Score 64; DB 4; L
Best Local Similarity 100.0%; Pred. No. 0.00059;
Matches 12; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 64;
                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 31
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Matches 12; Conservative
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ORGANISM: Betula pendula
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US-09-981-009B-1
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ORGANISM: Betula pendula
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OTHER INFORMATION:
                             US-09-957-806A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 2
LENGTH: 159
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TYPE: PRT
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APPLICANT: Roggen, Erwin
APPLICANT: Stenfen
APPLICANT: Svendeen, Allan
APPLICANT: Svendeen, Allan
APPLICANT: Friis, Esben
TITLE OF INVENTION: PROTEIN VARIANTS HAVING MODIFIED IMMUNOGENICITY
FILE REPERENCE: 10021.204-US
CURRENT APPLICATION NUMBER: US/09/957,806A
CURRENT FILING DATE: 2001-09-21
NUMBER OF SEQ ID NOS: 248
SOFTWARE: Patentin version 3.1
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100.0%; Score 64; DB 3; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Betula verrucosa (White birch) (Betula pendula) US-09-847-208-40
                                                                                                                                                                                                                                                                                     ; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 8
US-09-847-208-40
Sequence 40, Application US/09847208
Sequence 40, Application US/09847208
Publication No. US20030082190A1
GENERAL INFORMATION:
APPLICANT: Saxon, Andrew
APPLICANT: Saxon, Andrew
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
TILE REFERENCE: UC67.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 40
LENGTH: 159
TYPE: PRT
                      APPLICANT: CASH, KE
APPLICANT: CASH, KE
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: TUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 1GB-MEDIATED ALLERGIC DISEASES
FILE REFERENCE: UC67.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 38
LENGTH: 159
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application US/09957806A Publication No. US20050181446A1 GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
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       APPLICANT: Saxon, Andrew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-957-806A-6
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                                           Gaps
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; Sequence 2, Application US/10001245
; Publication No. USZ0030175312A1
; GENERAL INFORMATION:
; APPLICANT: HOLM, Jens
; APPLICANT: IPSEN, Henrik
; APPLICANT: SPANGFORT, Michael D.
; TITLE OF INVENTION: No. USZ0030175312A1e1 mutant allergens
; TITLE OF INVENTION: NO. USZ0030175312A1e1 mutant allergens
; FILE REFERENCE: 4305/1H942-USZ
; CURRENT APPLICATION NUMBER: US/10/001,245
; PRIOR PRILOKATION NUMBER: US 60/298,170
; PRIOR PILING DATE: 2001-06-14
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PATENTIN VERSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
Query Match
100.0%; Score 64; DB 3; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Betula verrucosa
                                                                                                                     49 GPGTIKKISFPE 60
                                                                                       1 GPGTIKKISFPE 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: mutation
LOCATION: (123)..(123)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: mutation
LOCATION: (134)..(134)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: mutation
LOCATION: (103)..(103)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (45)..(45)
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
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NAME/KEY: mutation
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NAME/KEY: mutation
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us-lu-uul-485-5;
sequence 5, Application US/10001245;
publication No. US20030175312A1
GENERAL INFORMATION:
APPLICANT: HOLM, Jens
APPLICANT: IPERN, Henrik
APPLICANT: IRESEN, Jorgen N.
TITLE OF INVENTION: No. US20030175312A1e1 mutant allergens
FILE REFERENCE: 4305/1H942-US2
CURRENT APPLICATION NUMBER: US/10/001,245
CURRENT FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: US 60/298,170
FRICH FILING DATE: 2000-11-16
PRIOR PRILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 217
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LIBNGTH: 159
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NUMBER OF SEQ ID NOS: 217
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100..
These 12; Conservative
                                                                                       TYPE: PRT ORGANISM: Betula verrucosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Betula verrucosa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: mutation
; LOCATION: (134)..(134)
; OTHER INFORMATION:
US-10-001-245-4
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FEATURE
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LOCATION: (65)..(65)
OTHER INFORMATION:
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OTHER INFORMATION:
FEATURE:
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LOCATION: (32)..(32)
OTHER INFORMATION:
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LOCATION: (45)..(45)
OTHER INFORMATION:
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LOCATION: (97)..(97)
OTHER INFORMATION:
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LOCATION: (28)..(28
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                                                                                                                                                                      LOCATION: (5) (5) OTHER INFORMATION:
                                                                   LENGTH: 159
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US-10-001-245-5
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Sequence 3, Application US/10001245

Publication No. US20030175312A1

GENERAL INFORMATION:
APPLICANT: HOLM, Jens
APPLICANT: HOLM, Jens
APPLICANT: IPSEN, Henrik
APPLICANT: LARSEN, Jorgen N.
TITLE OF INVENTION: NO. US20030175312A1e1 mutant allergens
FILE REPERENCE: 4305/H942-US2
CURRENT APPLICATION NUMBER: US/10/001,245
CURRENT PILING DATE: 2001-11-15

PRIOR FILING DATE: 2001-06-14

PRIOR FILING DATE: 2001-06-14

PRIOR FILING DATE: 2000-11-16

NUMBER OF SEQ ID NOS: 217

SOFTWARE: PREFERING DATE: 2000-11

SEQ ID NOS: 217

SEQ ID NOS: 217

LENGTH: 159
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; Publication No. US20030175312A1
; GENERAL INPORMATION:
; APPLICANT: HOLM, Jens
; APPLICANT: HOLM, Jens
; APPLICANT: LARSEN, JORGEN N.
; APPLICANT: LARSEN, JORGEN N.
; TITLE OF INVENTION: No. US20030175312A1e1 mutant allergens
; TITLE OF INVENTION: No. US20030175312A1e1 mutant allergens
; CURRENT PAPLICATION NUMBER: US, 10/10/001,245
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/298,170
; PRIOR PILING DATE: 2000-11-16
; PRIOR PILING DATE: 2000-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 64; DB 4; Length 159; Best Local Similarity 100.0%; Pred. No. 0.0034; Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Betula verrucosa
                                              49 GPGTIKKISFPE 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 49 GPGTIKKISFPE 60
                        GPGTIKKISFPE 12
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NAME/KEY: mutation
LOCATION: (108)..(108)

OTHER INFORMATION:
US-10-001-245-3
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NAME/KEY: mutation
LOCATION: (32)..(32)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (45)..(45)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (28)..(28)
OTHER INFORMATION:
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; Sequence 92, Application US/10001245
; Publication No. US20030175312A1
; GENERAL INFORMATION:
; APPLICANT: HOLM, Jens
; APPLICANT: HOLM, Jone
; APPLICANT: LARSEN, Horrik
; APPLICANT: LARSEN, Jorgen N.
; TITLE NO INVENTYON: NO. US20030175312A1e1 mutant allergens
; TITLE REFERENCE: 4305/11942-US2
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/298,170
; PRIOR APPLICATION NUMBER: US 60/298,170
; RICH RAPLICATION NUMBER: US 60/298,170
; RICH RELING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 64; DB 4; Length 159; 100.0%; Pred. No. 0.0034;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%; Score 64; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
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ORGANISM: Betula verrucosa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          49 GPGTIKKISFPE 60
                                                               FEATURE:

MAME/KEY: mutation
LOCATION: (109)..(109)
OTHER INFORMATION:
FEATURE:
NAME/KEY: mutation
LOCATION: (125)..(125)
OTHER INFORMATION:
FEATURE:
NAME/KEY: mutation
LOCATION: (127)..(127)
OTHER INFORMATION:
FEATURE:
FEATURE:
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; LOCATION: (145)...(145)
; OTHER INFORMATION:
US-10-001-245-9
NAME/KEY: mutation
LOCATION: (108)..(108)
OTHER INFORMATION:
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Best Local Similarity
Matches 12; Conserv
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| Sequence 9, Application US/10001245
| Publication No. US20030175312A1
| GENERAL INFORMATION:
| APPLICANT: HOLM, Jens
| APPLICANT: IPSEN, Henrik
| APPLICANT: IPSEN, Henrik
| APPLICANT: SPANGFORT, Michael D.
| TITLE OF INVENTION: No. US20030175312Alel mutant allergens
| FILE REFERENCE: 4305/1442-US2
| CURRENT APPLICATION NUMBER: US/10/001,245
| CURRENT FILING DATE: 2001-01-14
| PRIOR PELICATION NUMBER: US 60/298,170
| PRIOR FILING DATE: 2001-06-14
| PRIOR FILING DATE: 2001-06-14
| PRIOR FILING DATE: 2001-16-15
| NUMBER OF SEQ ID NOS: 217
| SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 64; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0034;
Matches 12; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Betula verrucosa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            49 GPGTIKKISFPE 60
                                                                                                                                                                                                                         FEATURE:
NAME/KEY: mutation
LOCATION: (153)..(153)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       ; LOCATION: (155)..(155)
; OTHER INFORMATION:
US-10-001-245-5
                                                                                                                                     FEATURE:
NAME/KEY: mutation
LOCATION: (152)..(152)
OTHER INFORMATION:
         LOCATION: (103)..(103)
OTHER INFORMATION:
                                                                   NAME/KEY: mutation
LOCATION: (108)..(108)
OTHER INFORMATION:
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LOCATION: (28)..(28)
OTHER INFORMATION:
FEATURE:
NAME/KEY: mutation
LOCATION: (32)..(32)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (96)..(96)
OTHER INFORMATION:
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NAME/KEY: mutation
LOCATION: (65)..(65)
OTHER INFORMATION:
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LOCATION: (97)..(97)
OTHER INFORMATION:
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LENGTH: 159
TYPE: PRT
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TELEPHONE: (212) 790-9090
TELERX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL: NORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Appli
Sequence 11, Appl
Sequence 11, Appl
Sequence 17, Appl
Sequence 210, Appl
Sequence 21016, A
Sequence 2185, A
Sequence 3185, A
Sequence 346, Appl
Sequence 346, Appl
Sequence 346, Appl
Sequence 24, Appl
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Sequence 2344, Ap
Sequence 15306, A
Sequence 9, Appli
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Sequence 3773, Ap
Sequence 3635, Ap
Sequence 5, Appli
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Sequence 3, Appli
Sequence 2, Appli
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5, Appli
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                                                                                    (without alignments)
53.149 Million cell updates/sec
                                                                      January 28, 2006, 06:20:07; Search time 18.6667 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description
                                                                                                                                                                                                                                                                                                                                                         /cgn2_6/ptodata/1/iaa/5_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6_COMB.pep:*
/cgn2_6/ptodata/1/iaa/H_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
/cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5312912-2
US-07-847-010-11
US-07-847-010-14
US-07-847-010-17
US-07-847-010-17
US-07-847-010-17
US-09-248-796A-27885
US-09-248-796A-27885
US-09-12-564A-18
US-09-12-564A-18
US-09-134-000C-4680
US-09-134-000C-4680
US-09-134-000C-4680
US-09-134-000C-4680
US-09-134-000C-4680
US-09-134-000C-4680
US-09-134-00C-3680-24
US-09-2499-01C-3908
US-09-992-61C-9
                                                                                                                                                                                                                                      Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                           572060 segs, 82675679 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                               OM protein - protein search, using sw model
                                                                                                                                                                         BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                   Issued Patents AA:*
                                                                                                                                                                                                                                                              Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                1 GPGTIKKISFPE 12
                                                                                                                     US-09-897-042-19
64
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Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  471
471
3730
60
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                                                                                                                                                                         Scoring table:
                                                                                                                                                                                                               Searched:
                                                                                                                                                   Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Result
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Sequence

JS-08-676-444-5

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Sequence 2820, Appli
Sequence 3, Appli
Sequence 3, Appli
Sequence 1982, A
Sequence 2, Appli
Sequence 3, Appli
Sequence 2, Appli
                                                                                                                                                                                                                          Sequence 18,
Sequence 18,
Sequence 18,
                                                                                                                                                                                          Sequence 654
Sequence 18,
                  Sequence 2
Sequence 4
Sequence 2
                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                Sequence
                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                        US-U7-847-010-23
Sequence 23, Application US/07847010
Patent No. 5693495
GENERAL INFORMATION:
APPLICANT: Reikerstorier, Heimo
APPLICANT: Reikerstorier, Arnold
APPLICANT: Reikerstorier, Arnold
APPLICANT: Reattenbach, Michael
APPLICANT: Raft, Dietrich
APPLICANT: Rumpold, Heimut
APPLICANT: Rumpold, Heimut
APPLICANT: Rumpold, Heimut
APPLICANT: Scheiner, Otto
APPLICANT: Scheiner, Otto
APPLICANT: Rener, Christof
APPLICANT: Rener, Christof
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Allergens of the Americas
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
COMPUTER: New York
COMPUTER: 1155 Avenue of the Americas
CITY: New York
COMPUTER: 180 FO COMPACIBLE
COMPUTER: 180 FO COMPACIBLE
COMPUTER: 180 FO COMPACIBLE
COMPUTER: 180 FO COMPACIBLE
COMPUTER: 181 FO COMPACIBLE
COMPUTER: 181 FO COMPACIBLE
COMPUTER: 01-UTN-1992
CLASSIFICATION NUMBER: 20,280
REGISTRATION NUMBER: 20,280
REGISTRATION INFORMATION:
TELECOMMUTHORION INFORMATION:
US-09-949-016-5883
US-09-248-796A-22915
US-09-861-451A-44
US-09-605-703B-2820
US-09-9490-032-3
US-09-9490-032-3
US-09-252-991A-19829
US-09-464-377-3
US-09-464-377-3
US-09-641-638-654
US-09-641-638-654
US-09-012-515A-18
US-09-012-515A-18
US-09-012-515A-18
US-09-012-393A-18
US-09-012-393A-18
US-09-012-393A-18
US-09-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
US-08-360-144A-18
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                                    163
6608
6608
6608
6608
6608
1131
1131
1133
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1133
1133
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SO GPGTIKKITFPE 61
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LENGTH: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-07-847-010-11
                                                              RESULT 3
US-08-964-722-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5312912-2
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                                                                                                    100.0%; Score 64; DB 1; Length 160; 100.0%; Pred. No. 0.00051; ive 0; Mismatches 0; Indels
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                    IMMEDIATE SOURCE:

LIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
US-07-847-010-23
                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Valenta, Rudolf
APPLICANT: Valenta, Rudolf
APPLICANT: Valenta, Rudolf
APPLICANT: Breienbach, Michael
APPLICANT: Breienbach, Michael
APPLICANT: Kraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Scheiner, Otto
APPLICANT: Scheiner, Otto
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: UN-JUN-1992
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                       Reikerstorfer, Arnold
Valenta, Rudolf
Hoffmann - Sommergruber, Karin
Breitenbach, Michael
Kraft, Dietrich
Rumpold, Helmut
Scheiner, Otto
Ebner, Christof
Ferreira, Fatima
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 01-UNN-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOHES III, HARRY C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
TELECHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/07847010 Patent No. 5693495
ORGANISM: birch (Betula sp.)
                                                                                                                                                                                                                                                                                                                                                                                        Breiteneder, Heimo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Alder (Alnus sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
                                                                                                Query Match
Best Local Similarity 100.
Matches 12; Conservative
                                                                                                                                                                                   1 GPGTIKKISFPE 12
                                                                                                                                                                                                          MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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ropology:
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US-07-847-010-3
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1 GPGTIKKISFPE 12

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TITLE OF INVENTION: PROCEDURES AND REGULATORY DNA SEQUENCES; FOR GENETICALLY ENGINEERING DISEASE RESISTANCE AND OTHER INDUCIBLE TRAITS IN PLANTS

NUMBER OF SEQUENCES: 9

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/393,301

FILING DATE: 13-JUN-1989
Length 158;
                                                                                                                                                                                                                                                                                                          Length 158;
                                                                                                                                                                                                                                                                                                                                    1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                       5312912-2
;Patent No. 5312912
; APPLICANT: HADWIGER, LEE A.;CHIANG, CHIN C.;HOROVITZ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    78.1%; Score 50; DB 6; 75.0%; Pred. No. 0.18;
                                                                                                                                                                                                                                                                                                            Score 55; DB 2;
Pred. No. 0.022;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Reikerstorfer, Arnold
Valenta, Rudolf
Hoffmann - Sommergruber, Karin
Breitenbach, Michael
Kraft, Dietrich
                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 11, Application US/07847010; Patent No. 5693495; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Breiteneder, Heimo
                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GPGTIKKISFPE 12
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                                                                                                                                                                                                                                                                                                                                                             1 GPGTIKKISFPE 12
                                                                                                                                                                                                                                                                                                                                                                                     49 GPGTIKKISEVE 60
                                                                                                                                                                                                                                                                     ; ORGANISM: winged bean US-08-964-722-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
9; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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73.4%; Score 47; DB 1; Length 160; 75.0%; Pred. No. 0.66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Valenta, Rudolf
APPLICANT: Valenta, Rudolf
APPLICANT: Hoffmann - Sommergruber, Karin
APPLICANT: Rumpold, Helmut
APPLICANT: Rraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Reirer, Otto
APPLICANT: Ebner, Christof
APPLICANT: Ferreira, Fetima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Applications Thereof
COPPERAMENT: AND APPLICATION: Applications Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
                                     COUNTRY: New York
COUNTRY: U.S.A.
ZITE: New York
COUNTRY: U.S.A.
ZID: 10036-2711
COMPUTER: READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: LBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 452
ATTORNEY AGENT INFORMATION:
NAME: Jones III, Harry C
REGISTRATION NUMBER: 6530-010
REFERENCE/DOCKET NUMBER: 6530-010
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELERATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: AMINO acids
TYPE: AMINO acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
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STREET: 1155 Avenue of the Americas
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 17, Application US/07847010 Patent No. 5693495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORIGINAL SOURCE:
ORGANISM: hazel (Corylus sp.)
IMMEDIATE SOURCE:
LIBBRARY: POLLEN FROM ALLERGON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 73.4
Best Local Similarity 75.6
Matches 9; Conservative
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50 GPGTIKNITFGE 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: New York
STATE: New York
                          New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-07-847-010-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 7
US-07-847-010-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Breiteneder, Heimo
APPLICANT: Reikerstorfer, Arnold
APPLICANT: Valenta, Rudolf
APPLICANT: Walenta, Rudolf
APPLICANT: Breitenbach, Michael
APPLICANT: Rraft, Dietrich
APPLICANT: Rumpold, Helmut
APPLICANT: Rumpold, Helmut
APPLICANT: Romeiner, Otto
APPLICANT: Reiner, Otto
APPLICANT: Ebner, Christof
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Allergens of Alder Follen
TITLE OF INVENTION: Allergens of Alder Follen
TITLE OF INVENTION: Applications Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
  APPLICANT: Rumpold, Helmut
APPLICANT: Schainer, Otto
APPLICANT: Ebner, Christof
APPLICANT: Ebner, Christof
APPLICANT: Ferreira, Fatima
TITLE OF INVENTION: Allergens of Alder Pollen and
TITLE OF INVENTION: Applications Thereof
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                             STREET: ALSO AVEILLE OL LIEC FINITE OL CUETY: New York
STATE: New York
COMPUTEX: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: The PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: JONES II, HARTY C
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET UNBER: 6530-010
TELECOMMUTICATION INFORMATION:
TELEFRAK: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 14, Application US/07847010
Patent No. 5693495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IMMEDIATE SOURCE: LIBRARY: POLITEY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 11:
SEGUIENCE CHARACTERISTICS:
LENGTH: 160 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 73.4
Best Local Similarity 75.0
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GPGTIKKISFPE 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |||||| |:| |
50 GPGTIKNITFGE 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-07-847-010-11
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Gaps

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Indels

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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Keith Weinstock et al

APPLICANT: Keith Weinstock et al

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN:

TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196-132

CURRENT APPLICATION NUMBER: US/09/248,796A

CURRENT FILING DATE: 1999-02-13

PRIOR FILING DATE: 1998-02-13

PRIOR FILING DATE: 1998-08-13

NUMBER OF SEQ ID NOS: 28208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 21016, Application US/09252991A

Sequence 21016, Application US/09252991A

Betant No. 6551795

GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLBIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT PILING DATE: 1998-02-18
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142

SEQ ID NO 21016
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                                                                                                                                                                                                                                                                                                                                                                 Length 160;
                                                                                                                                                                                                                                                                                                                                                                                                           2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Indels
                                                                                                                                                                                                                                                                                                    POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            64.1%; Score 41; DB 2; 70.0%; Pred. No. 73; tive 2; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                 73.4%; Score 47; DB 1; 75.0%; Pred. No. 0.66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 27885, Application US/09248796A
; Patent No. 6747137
    TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELERAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 aming acids
                                                                                                                                                                                                                                      ORIGINAL SOURCE:
ORGANISM: hazel (Corylus sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ), ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-21016
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Best Local Similarity 70.0.
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Best Local Similarity 75.0
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            50 GPGTIKNITFGE 61
                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GPGTIKKISF 10
                                                                                                                                            TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                  IMMEDIATE SOURCE:
LIBRARY: POLLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-252-991A-21016
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Pred. No. 0.66;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INMEDIATE SOURCE:

LIBRARY: POLLEN FROM ALLERGON AB, ENGELHOLM, SWEDEN US-07-847-010-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Allergens of Alder Pollen and TITLE OF INVENTION: Applications Thereof
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ereiteneder, Heimo
Reikerstorfer, Arnold
Valenta, Rudolf
Hoffmann - Sommergruber, Karin
Breitenbach, Michael
Kraft, Dietrich
Rampold, Helmut
Scheiner, Otto
Ebner, Christof
Ferreira, Falima
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: JOHES III, HARYY
REGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/07/847,010
FILING DATE: 01-JUN-1992
CLASSIFICATION: 435
                                                                                 CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jones III, Harry C
RGISTRATION NUMBER: 20,280
REFERENCE/DOCKET NUMBER: 6530-0
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEFAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 160 amino acids
TYPE: amino acid
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 20, Application US/07847010 Patent No. 5693495 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: hazel (Corylus sp.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              73.4%;
75.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 75.03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     50 GPGTIKNITFGE 61
                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                 ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 8
US-07-847-010-20
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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Pred. No. 79;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 39; DB 2; Length 581;
Pred. No. 78;
1; Mismatches 4; Indels
SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: 101y 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: 40,489
REPERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEFAX: (781)893-5007
TELEFAX: (781)893-507
ILENGTH: 581 amino acids
TYPE: amino acid
TYPE: TYPE: TYPE: Protein
HYPOTHBETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Human Genome Sciences, Inc.
APPLICANT: Human Genome Sciences, Inc.
TITLE DOF INVENTION: Lyme Disease Vaccines
FILE REFERENCE: P8484US
CURRENT APPLICATION NUMBER: US/09/830,230A
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: PCT/US98/12718
PRIOR FILING DATE: 1998-06-18
PRIOR FILING DATE: 1997-09-03
PRIOR FILING DATE: 1997-09-03
PRIOR PILING DATE: 1997-07-22
PRIOR PILING DATE: 1997-07-22
PRIOR FILING DATE: 1997-07-22
PRIOR FILING DATE: 1997-07-22
PRIOR FILING DATE: 1997-07-22
PRIOR FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 756
SOFTWARE: PATENT NOS: 756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...581
SEQUENCE DESCRIPTION: SEQ ID NO: 5385:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-830-230A-346
; Sequence 346, Application US/09830230A
; Patent No. 6902893
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88.9%;
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Best Local Similarity 58.3%;
Matches 7; Conservative
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Best Local Similarity 88.9.
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 GTIKKISFP 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE
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                                                                                              FEATURE:
NAME/KEY: UNSURE
NAME/LON: (2)
CHER INFORMATION: (1)
US-09-248-796A-27885
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Patent No. 6583275
GENERAL INFORMATION:
APPLICANT: Lynn A Doucette-Stamm and David Bush
APPLICANT: Lynn A Doucette-Stamm and David Bush
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
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Pred. No. 16;
                                                                                                                                                                                                           Length 190;
                                                                                                                                                                                                                                                                                                                                                                   RESULT 11
US-09-012-504A-18

Sequence 18, Application US/09012504A

Patent No. 6464974

GENERAL INFORMATION:
APPLICANT: Berlin, V.
APPLICANT: Cottarel, G.
APPLICANT: Cottarel, G.
TITLE OF INVENTION: IMMUNOSUPPRESSANT TARGET PROTEINS
TITLE OF INVENTION: APPLICATION NUMBER: US/09/012,504A

CURRENT APPLICATION NUMBER: 08/360,144

PRIOR PILLING DATE: 1994-12-20

PRIOR FILLING DATE: 1994-12-20

PRIOR FILLING DATE: 1994-05-27

NUMBER OF SEQ ID NOS: 35

SOFTWARE: Patentin version 3.1

SEQ ID NO 18
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                                                                                                                                                                                                                                                          2; Indels
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CORRESPONDENCE ADDRESSE:
ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
                                                                                                                                                                                                                    5
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                                                                                                                                                                                                                    Score 40;
Pred. No.
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COMPUTER READABLE FORM:
MEDIUM TYPE: CD/ROM ISO9660
COMPUTER: PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Waltham
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  60.9%;
58.3%;
                                                                                                                                                                                                                  Query Match
Best Local Similarity 58.3%;
Matches 7; Conservative
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177 GPVTVEKINVPE 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 58.3
Matches 7; Conservative
                                     LENGTH: 190
TYPE: PRT
ORGANISM: Candida albicans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GPGTIKKISFPE 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-107-532A-5385
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                  SEQ ID NO 27885
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183 GFIKKISFP 191

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Sequence 4680, Application US/09134000C

Sequence 4680, Application US/09134000C

Patent No. 6617156

GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al

TITLE OF INVENTION: BUTENCOCCUS FARCALIS FOR DIAGNOSTICS AND THERAPEUTICS

TITLE OF INVENTION: BUTENCOCCUS FARCALIS FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 032796-032

CURRENT APPLICATION NUMBER: US/09/134,000C

CURRENT APPLICATION NUMBER: US 60/055,778

PRIOR APPLICATION NUMBER: US 60/055,778

PRIOR APPLICATION SOURCE: 1997-08-15

NUMBER OF SEQ ID NOS: 6812

SOFTWARE: PatentIn version 3.1

SEQ ID NO 4680

LENGTH: 405
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          60.9%; Score 39; DB 2; Length 612;
88.9%; Pred. No. 82;
tive 0; Mismatches 1; Indels
RESULT 14

US-09-310-230A-345

i Sequence 345, Application US/09830230A

i Patent No. 6902893

i GENERAL INFORMATION:

i TILLE OF INVENTION:

i FILE REFERENCE: B48410

i CURRENT APPLICATION NUMBER: US/09/830,230A

CURRENT APPLICATION NUMBER: US/09/830,230A

CURRENT FILING DATE: 1999-06-18

PRIOR FILING DATE: 1997-09-27

PRIOR APPLICATION NUMBER: 60/057,483

PRIOR FILING DATE: 1997-00-22

PRIOR FILING DATE: 1997-07-22

PRIOR APPLICATION NUMBER: 60/053,344

PRIOR FILING DATE: 1997-06-20

NUMBER OF SEQ ID NOS: 756

SEQ ID NO 345

LENGTHER: CALLED
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT ORGANISM: Enterococcus faecalis
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Best Local Similarity 88.9
Matches 8; Conservative
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ORGANISM: Homo sapiens
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; Search time 12.3333 Seconds (without alignments) 10.536 Million cell updates/sec
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1: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*

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6: /cgn2_6/ptodata/2/pubpaa/USIO_NEW_PUB.pep:*

7: /cgn2_6/ptodata/2/pubpaa/USIO_NEW_PUB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/USIO_NEW_PUB.pep:*
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GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd.
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Maximum Match 100%
Listing first 45 summaries
                                                                                     - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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68
                    Copyright
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

## Sequence 18, Appl Sequence 26, Appl Sequence 1, Appli Sequence 4, Appli Sequence 20, Appli Sequence 24, Appl Sequence 79, Appl Sequence 4, Appli Sequence 4, Appli Sequence 8, Appli Sequence 20, Appli Sequence 24, Appli Sequence 26, Appli Sequence 26, Appli Sequence 27, Appli Sequence 27, Appli Sequence 27, Appli Description US-11-102-883-18 US-11-102-883-26 US-11-102-883-26 US-10-209-208-4 US-10-209-208-8 US-10-209-208-8 US-10-209-208-20 US-10-209-208-20 US-11-218-880-4 US-11-218-880-4 US-11-218-880-20 US-11-218-880-20 US-11-218-880-20 US-11-100-988-2 US-11-100-988-3 US-11-100-988-3 US-11-100-988-3 US-11-100-988-3 US-11-100-988-3 US-11-100-988-3 US-11-179-411-27 US-11-179-411-33 US-11-179-411-33 US-11-179-411-33 US-11-179-411-33 US-11-179-411-33 US-11-179-411-33 DB Length & Query Match Score Result Š.

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Sequence Sequence 6

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Sequence 162, Apple Sequence 162, Apple Sequence 131, Apple Sequence 1377, Apple Sequence 1377, Apple Sequence 1377, Apple Sequence 1208, Apple Sequence 1208, Apple Sequence 1208, Apple Sequence 1208, Apple Sequence 17, Apple Sequence 119, Apple Sequence 17, Apple Sequence 121, Apple Sequenc		lecules (MAT Molecules) Associated Constructs,	Length 172; Indels 0; Gaps	lecules (MAT Molecules) Associated Constructs,
7 US-11-052-554A-38 6 US-10-131-826A-162 7 US-11-024-959-381 7 US-11-024-959-381 6 US-10-821-234-1377 6 US-10-467-657-7922 6 US-10-467-657-4010 6 US-10-467-657-4010 7 US-11-186-284-222 6 US-10-821-234-1238 7 US-11-052-554A-51 7 US-11-052-554A-51 7 US-11-052-554A-51 7 US-11-010-239-119 6 US-10-467-657-5572 7 US-11-11-61-17 6 US-10-467-657-5572 7 US-11-161-61-17 6 US-10-467-657-5572 7 US-11-161-61-17 6 US-10-467-657-5572 7 US-11-161-61-17	ALIGNMENTS	RESULT 1 US-11-102-883-18 Sequence 18, Application US/11102883 Sequence 18, Application US/11102883 Fublication No. US20050281816A1 GENERAL INFORMATION: APPLICANT: Lamping, Norbert APPLICANT: Crameri, Reto TITLE OF INVENTION: Modular Antigen Transporter Molecules (MAT Molecules) TITLE OF INVENTION: Wodulating Immune Reactions, Associated Constructs, Metl TITLE OF INVENTION: Uses Thereof FILE REFERENCE: 03100234pa CURRENT APPLICATION NUMBER: US/11/102,883 CURRENT FILING DATE: 2002-04-11 PRIOR APPLICATION NUMBER: PCT/EP2003/011190 PRIOR PILING DATE: 2003-10-01 PRIOR APPLICATION NUMBER: PCT/EP2003/011190 NUMBER OF SEQ ID NOS: 44 SOFTWARE: PatentIn version 3.2 SEQ ID NO 18 LENGTH: 172 TYPE: PRT TYPE: PRT TYPE: PRT	0%; Score 68; DB 7; 0%; Pred. No. 6.3e-05; 0; Mismatches 0;	on US/11102883 0281816A1 orbert Reto ', Sabina sabelle Godular Antigen Transporter Molecules Modularing Immune Reactions, Associa Uses Thereof
52.9 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 51.5 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0		1 1  1024:083-18  11cation No US2005028181  ERAL INPORMATION: PLICANT: Lamping, Norbert PLICANT: Crameri, Reto PLICANT: Fluckiger, Sabi PLICANT: Fluckiger, Sabi PLICANT: Fluckiger, Sabi PLICANT: PLUCKIGER, Sabi PLICANT: PLUCKIGER, Sabi PLICANT: PLUCKIGER, Sabi PLICANT: PLUCKIGER, Sabi PLICANT: PLICKIGER, Sabi PLICANT: PLICKIGER, Sabi PLICANT: Daigle, Isabell TLE OF INVENTION: Modula TLE OF INVENTION: Modula TLE OF INVENTION: Modula TLE OF INVENTION: MODISR: RENT APPLICATION NUMBER: 2005- IOR APPLICATION NUMBER: PLOR APPLICATION NUMBER: PRINTER APPLICA	n 100 Similarity 100 12; Conservative I KISFPEGFPFKY 12	SULT 2 11-102-883-26 111-102-883-26 Publication No. US20050281816A1 GENERAL INFORMATION: APPLICANT: Lamping, Norbert APPLICANT: Crameri, Reto APPLICANT: Fluckiger, Sabina APPLICANT: Fluckiger, Sabina APPLICANT: Daigle, Isabelle TITLE OF INVENTION: Modular Antigen TITLE OF INVENTION: Modular Antigen TITLE OF INVENTION: Uses Thereof
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		RESULT US-111 Sequence RESULT RESULT RESULT TIT TIT FILL RESULT R	Oue Bes Mat	RESULT 2 US-11-102 ; Sequence; Publica; GENERAL ; APPLIC; APPL

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APPLICANT: Campbell, Robert

APPLICANT: Geoffrey Bairs

APPLICANT: Geoffrey Bairs

TILLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS

TITLE OF INVENTION: FOR MAKING SAME

TILLE REFERENCE: UC083.1CP2CP2

CURRENT PAPLICATION NUMBER: US/10/209,208

CURRENT FILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 10/121,258

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR APPLICATION NUMBER: 09/866,538

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR PILING DATE: 2001-02-24

PRIOR PILING DATE: 2001-02-24

PRIOR PILING DATE: 2001-02-26

NUMBER OF SEQ ID NOS: 80

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                      61.8%; Score 42; DB 6; Length 225; llarity 63.6%; Pred. No. 2; Conservative 3; Mismatches 1; Indels
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US-10-209-208-4
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PRIOR APPLICATION NUMBER: 10/121,258
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2002-04-10
PRIOR FILING DATE: 2001-05-24
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 225
                                                                                                                                                                                                                                                                                                                                             LOCATION: (1)...(225)
OTHER INFORMATION: wild-type DsRed
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; Publication No. US20050244921A1
; GENERAL INFORMATION:
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Publication No. US20050244921A1
GENERAL INFORMATION:
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Best Local Similarity 63.00,
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APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
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84 KLSFPEGFKWE 94
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                                                                                                                                                                                                                                                                     ORGANISM: Discosoma sp.
                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc feature
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Best Local Similarity
Matches 7; Conserv
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US-10-209-208-8
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APPLICANT: Crameri, Reto

APPLICANT: Crameri, Reto

APPLICANT: Pluckiger, Sabina

APPLICANT: Daijole, Isabelle

TITLE OF INVENTION: Modulating Immune Reactions, Associated Constructs, Methods and

TITLE OF INVENTION: Uses Thereof

TITLE OF INVENTION: Uses: Use Thereof

FILE REFERENCE: 03100234pa

CURRENT FILING DATE: 2005-04-11

PRIOR PILING DATE: 2002-10-11

PRIOR PILING DATE: 2003-10-09

NUMBER OF SEQ ID NOS: 44

SOFTWARE: PatentIn version 3.2

SEQ ID NO 6

LENGTH NUMBER OF SEQ ID NOS: A 14

SEQ ID NO 6

LENGTH NUMBER OF SEQ ID NOS: A 14

SEQ ID NO 6
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US-11-102-883-6
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Publication No. US20050244921A1
GENERAL INFORMATION:
APPLICANT: Taiten, Roger
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
ITILE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
FILE REFERENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
                                                                                                                                                                                                                                                                                                                                                                   Score 68; DB 7; Length 289;
Pred. No. 0.00011;
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FILE REFERENCE: 03100234pa
CURRENY APPLICATION NUMBER: US/11/102,883
CURRENT FILING DATE: 2005-04-11
PRIOR APPLICATION NUMBER: EP02022774.0
PRIOR FILING DATE: 2002-10-11
PRIOR FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin version 3.2
LENGTH: 289
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100.0%; Score 68; DB
Best Local Similarity 100.0%; Pred. No. 0.0
Matches 12; Conservative 0; Mismatches
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Publication No. US20050281816A1
GENERAL INFORMATION:
APPLICANT: Lamping, Norbert
APPLICANT: Crameri, Reto
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Best Local Similarity 100...
Local 2; Conservative
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                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: tat-Ii-bet v 1
US-11-102-883-26
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; Sequence 20. Application US/10209208
; Publication No. US20050244921A1
; GENERAL INFORMATION:
; APPLICANT: Taten, Roger
; APPLICANT: Geoffrey Baird
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; TITLE OF INVENTION NUMBER: US/10/209,208
; CURRENT FILING DATE: 2002-07-29
; CURRENT FILING DATE: 2002-07-29
; PRIOR PAPLICATION NUMBER: 09/66,538
; PRIOR FILING DATE: 2001-05-24
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TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
; TITLE OF INVENTION: FOR MAKING SAME
; FILE REPERBECE: UCO83.10F2CP2
; CURRENT APPLICATION NUMBER: US/10/209,208
; CURRENT FILING DATE: 2002-07-29
; PRIOR PEPLICATION NUMBER: 10/121,268
; PRIOR PEPLICATION NUMBER: 09/866,538
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR APPLICATION NUMBER: 09/866,538
; PRIOR APPLICATION NUMBER: 09/794,308
; PRIOR APPLICATION NUMBER: 09/794,308
; RILING DATE: 2001-05-26
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PASISEQ FOR WINDOWS VERSION 4.0
; SEQ ID NO 8
; LENGTH: 225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; FEATURE:
; OTHER INFORMATION: DSRed polypeptide variant "mRFP1"
US-10-209-208-8
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Matches 7; Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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RESULT 8
US-10-209-208-24
is Sequence 24, Application US/10209208
is Publication No. US20050244921A1
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Publication No. US20050244921A1

GENERAL INFORMATION:
APPLICANT: Taien, Roger
APPLICANT: Taien, Roger
APPLICANT: Gempbell, Robert
APPLICANT: Geoffrey Baild
TITLE OF INVENTION: FLUORESCENT PROTEIN VARIANTS AND METHODS
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR WAKING SAME
TITLE OF INVENTION NUMBER: 10/12/258
PRIOR FILING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: 09/866,538
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 80
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 79
INDEAD.
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APPLICANT: Tsien, Roger
APPLICANT: Campbell, Robert
APPLICANT: Campbell, Robert
APPLICANT: Geoffrey Baird
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
TITLE OF INVENTION: FOR MAKING SAME
TILE REFERENCE: UC083.1CP2CP2
CURRENT APPLICATION NUMBER: US/10/209,208
CURRENT FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: 10/121,258
PRIOR PILING DATE: 2002-04-10
PRIOR APPLICATION NUMBER: 09/866,538
PRIOR FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: 09/794,308
PRIOR FILING DATE: 2001-02-26
PRIOR FILING DATE: 2001-02-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 42; DB 6; Pred. No. 2; 3; Mismatches
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63.6%;
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Best Local Similarity 63.67
Best Local 7; Conservative
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Best Local Similarity 63.0
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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US-11-218-880-1
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GENERAL INFORMATION:

APPLICANT: Taien, Roger
APPLICANT: Campbell, Robert
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT
TITLE OF INVENTION: MONOMERIC US/11/218, 880
FILE REFERENCE: UC083.1CP2CP1
CURRENT APPLICATION NUMBER: US/10/121, 258
FRIOR PRING DATE: 2002-09-01
PRIOR APPLICATION NUMBER: US/10/121, 258
FRIOR PILING DATE: 2001-03-26
FRIOR PILING DATE: 2001-02-26
FRIOR PILING DATE: 2001-02-26
FRIOR FILING DATE: 2001-05-24
FRIOR FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 8
FRIOR OF SECTION OF WINDOWS OF TAILORD TO SECTION OF TAILORD 
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                                                                                                                   Sequence 8, Application US/11218880
Publication No. US20060003420A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 63.0.
The Conservative
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Best Local Similarity 63...
To Conservative
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84 KLSFPEGFKWE 94
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Sequence 4, Application US/11218880

Sequence 4, Application No. US2066003420A1

GENERAL INFORMATION:

APPLICANT: Taben, Roger

APPLICANT: Campbell, Robert

ITILE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

ITILE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: UGO83.1CPCP1

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT FILING DATE: 2002-09-01

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 225
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Sequence 1, Application US/11218880

Publication No. US20060003420A1

GENERAL INFORMATION:

APPLICANT: Taien, ROGET

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REFERENCE: UCO83.1CP2CP1

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT FILING DATE: 2005-09-01

PRIOR APPLICATION NUMBER: US/10/121,258

PRIOR PILING DATE: 2002-04-10

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-02-26

PRIOR APPLICATION NUMBER: 09/794,308

PRIOR FILING DATE: 2001-05-24

NUMBER OF SEQ ID NOS: 78

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 225
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Pred. No. 2;
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1 LOCATION: (1)...(225)

2 OTHER INFORMATION: wild-type DsRed

US-11-218-880-1
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Best Local Similarity 63.6%;
Matches 7; Conservative
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Best Local Similarity 63.6
Matches 7; Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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Length 225;

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Sequence 20, Application US/11218880

Sequence 20, Application US/11218880

Publication No. US20060003420A1

GENERAL INFORMATION:

APPLICANT: Campbell, Robert

TITLE OF INVENTION: MONOMERIC AND DIMERIC FLUORESCENT

TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME

FILE REPERBNCE: US03.1CPC01

CURRENT APPLICATION NUMBER: US/11/218,880

CURRENT FILING DATE: 2002-00.1

PRIOR APPLICATION NUMBER: US/10/121,258

PRIOR PILING DATE: 2001-02-26

PRIOR PILING DATE: 2001-02-26

PRIOR PILING DATE: 2001-05-24

NUMBER: OF SEQ ID NOS: 78

SOFTWARE: FeatSEQ for Windows Version 4.0

SEQ ID NO 20

LENGTH: 225
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63.6%; Pred. No. 2;
cive 3; Mismatches
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84 KLSFPEGFKWE 94
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FEATURE:
, OTHER INFORMATION: wild-type red fluorescent protein based on Discosoma species US-11-100-988-2
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USE SEQUENCE 24, Application US/11218880

| Sequence 24, Application US/11218880
| Publication No. US20060003420A1
| GENERAL INFORMATION
| APPLICANT: Taien, ROGET
| APPLICANT: Taien, ROMOMERIC AND DIMERIC FLUORESCENT
| TITLE OF INVENTION: MONOMERIC AND METHODS FOR MAKING SAME
| TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
| TITLE OF INVENTION: PROTEIN VARIANTS AND METHODS FOR MAKING SAME
| TITLE OF INVENTION: WUMBER: US/10/121,258
| FRIOR PILING DATE: 2002-04-10
| PRIOR APPLICATION NUMBER: 09/794,308
| PRIOR PILING DATE: 2010-02-26
| PRIOR APPLICATION NUMBER: 09/866,538
| PRIOR PILING DATE: 2001-02-26
| PRIOR PILING DATE: 2001-05-24
| NUMBER OF SEQ ID NOS: 78
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 24
| LENGTH: 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: DsRed polypeptide variant "T1" with I125R mutation
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61.8%; Score 42; DB 7; Length 225;
Best Local Similarity 63.6%; Pred. No. 2;
Matches 7; Conservative 3; Mismatches 1; Indels
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| Publication No. US20060008978A1
| General INFORMATION:
| APPLICANT Glick, Benjamin S. |
| APPLICANT Baker, David |
| APPLICANT: Beriamin S. |
| APPLICANT: Baker, David |
| APPLICANT: Baker, David |
| APPLICANT: Baker, David |
| APPLICANT: CAlley-Kim, Michelle |
| TITLE OF INVENTION: MONOMERIC RED FLUORESCENT PROTEINS |
| FILE REFERENCE: 092234-9002-US01 |
| TITLE OF INVENTION: MONOMERIC RED FLUORESCENT PROTEINS |
| FILE REFERENCE: 2002-04-07 |
| PRIOR PLILING DATE: 2004-04-07 |
| PRIOR PLILING DATE: 2004-04-07 |
| NUMBER OF SEQ ID NOS: 5 |
| SOFTWARE: PATENTIN Version 3.2 |
| SOFTWARE: PATENTINE: UNKNOWN |
| PREPARTINE: UNKNOWN |
| PRIOR PREPARTINE: UNKNOWN |
| PRIOR PRINTER: UNKNOWN |
| PRINTER: U
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Best Local Similarity 63.6
Matches 7; Conservative
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84 KLSFPEGFKWE 94
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84 KLSFPEGFKWE 94
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US-11-100-988-2
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Search completed: January 28, 2006, 06:44:48 Job time : 13.3333 secs

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Sequence 92, Appl Sequence 37, Appl Sequence 1, Appli Sequence 6, Appli Sequence 6, Appli Sequence 10, Appli Sequence 11, Appli Sequence 43, Appli Sequence 43, Appli Sequence 35, Appli Sequence 35, Appli Sequence 35, Appli Sequence 35, Appli

Sequence Sequence Sequence Sequence

Sequence 41, Sequence 43, Sequence 4, 1 Sequence 9, 1

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APPLICANT: VARIAL, Susanne
APPLICANT: VANGELISTA, Luca
APPLICANT: VANGELISTA, Luca
APPLICANT: BICHLER, Hans-Georg
APPLICANT: BICHLER, Hans
APPLICANT: BARER, Christof
APPLICANT: GRONLUND, Hans
TITLE OF INVENTION: NON-ANAPHYLACTIC FORMS OF ALLERGENS AND THEIR USE
TITLE OF INVENTION: NON-ANAPHYLACTIC FORMS OF ALLERGENS AND THEIR USE
CHREENT APPLICATION NUMBER: US/09/897,042
CHREENT APPLICATION NUMBER: US/09/897,042
CHREENT ELING DATE: 2001-07-07
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/10026911

Sequence 3, Application No. US20030078201A1

GENERAL INFORMATION:

APPLICANT: FOCKE, Margarete

APPLICANT: Sperr, Wolfgang R.

APPLICANT: Walent, Peeer

APPLICANT: Valent, Peeer

APPLICANT: Valent, Peeer

APPLICANT: Valent, Peeer

APPLICANT: Valenta, Rudolf

TITLE OF INVENTION: Allergy Vaccines and Their Preparation

FILE REFERENCE: 0273-0005

CURRENT APPLICATION NUMBER: US/10/026,911

CURRENT FILING DATE: 2002-07-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 68; DB 3; Length 12; 100.0%; Pred. No. 0.00026;
US-10-001-245-3

US-10-001-245-5

US-10-001-245-92

US-10-019-531-37

US-10-698-855-5

US-10-001-245-10

US-10-001-245-10

US-10-001-245-10

US-10-40-516-13

US-10-40-516-13

US-09-847-208-35

US-09-847-208-35

US-09-847-208-35

US-09-847-208-35

US-09-847-208-35

US-09-847-208-35

US-00-10-245-9

US-10-001-245-9

US-10-001-245-9
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Best Local Similarity
Matches 12; Conserv
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US-09-897-042-21
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                                                                                                                          January 28, 2006, 06:23:08; Search time 79.6667 Seconds (without alignments) 62.937 Million cell updates/sec
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Sequence 34, 7
Sequence 38, 7
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Sequence 87,
Sequence 44,
Sequence 45,
Sequence 18,
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*
                          GenCore version 5.1.6
(c) 1993 - 2006 Compugen Ltd
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US-10-056-911-3
US-10-079-514-5
US-09-981-0098-1
US-09-847-208-38
US-09-847-208-38
US-09-847-208-38
US-09-847-208-38
US-10-440-516-4
US-10-440-516-4
US-10-440-516-4
US-10-440-516-4
US-10-440-516-7
US-10-440-516-7
US-10-440-516-7
US-10-440-516-7
US-10-440-516-4
US-10-799-514-1
US-10-799-514-20
US-09-847-208-39
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US-09-847-208-37
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Maximum Match 100%
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                                                                                             OM protein - protein search, using sw model
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seq length: 200000000
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Match Length
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Perfect score:
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Sequence:

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100.0%; Score 68; DB 3; Length 159; 100.0%; Pred. No. 0.0036; ive 0; Mismatches 0; Indels
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100.0%; Pred. No. 0.0036;
cive 0; Mismatches 0; Indels
                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: PRT
; ORGANISM: Betula verrucosa (White birch) (Betula pendula)
VS-09-847-208-34
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ORGANISM: Betula verrucosa (White birch) (Betula pendula)
                                                                                                                                                                                                                                                                                                       Sequence 34, Application US/09847208

Publication No. US20030082190A1

GENERAL INFORMATION:

APPLICANT: Saxon, Andrew

APPLICANT: Zhu, Daocheng

TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF

TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES

FILE REPERRENCE: UGG7.002A

CURRENT APPLICATION NUMBER: US/09/847,208

CURRENT APPLICATION NUMBER: US/09/847,208

CURRENT APPLICATION NUMBER: US/09/847,208

CURRENT PRILING DATE: 2001-05-01

NUMBER OF SEQ ID NOS: 177

SOFTWARE: FASESEE OF Windows Version 4.0

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APPLICANT: Zhang, Ke
APPLICANT: Zhang, Ke
APPLICANT: Zhu, Daocheng
TITLE OF INVENTION: PUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: 19E-MEDIATED ALLERGIC DISEASES
TITLE OF INVENTION: 10S-MEDIATED ALLERGIC DISEASES
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FASTERO FOR Windows Version 4.0
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100.0%; Pred. No. 0.0036; rative 0; Mismatches 0
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US-09-847-208-40
IS-09-847-208-40
; Sequence 40, Application US/09847208
; Publication No. US20030082190Al
; GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 12; Conservative
Best Local Similarity 100.
Matches 12; Conservative
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Matches 12; Conserv
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Sequence 5, Application US/10799514

Publication No. US20040241178A1

GENERAL INFORMATION:
APPLICANT: Spertini, Francois
APPLICANT: Corthesy, Blaise
TITLE OF INVENTION: Allergen Peptide Fragments and Use Thereof
FILE REFERENCE: 25-720-50-2
CURRENT APPLICATION NUMBER: US/10/799,514

CURRENT APPLICATION NUMBER: 60/455,004

PRIOR APPLICATION NUMBER: 60/455,004

PRIOR FILING DATE: 2003-03-14

NUMBER OF SEQ ID NOS: 23

SEQ ID NO 5

LENGTH: 125
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100.0%; Score 68; DB 5; Length 125;
Best Local Similarity 100.0%; Pred. No. 0.0028;
Matches 12; Conservative 0; Mismatches 0; Indels
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100.0%; Score 68; DB 4; I
Best Local Similarity 100.0%; Pred. No. 0.00069;
Matches 12; Conservative 0; Mismatches 0;
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GENERAL INFORMATION:
APPLICANT Klaerulff, Soren
FILE REPERENCE:
TITLE OF INVENTION: Transgenic Plants
FILE REPERENCE: 10082.200-US
CURRENT APPLICATION NUMBER: US/09/991,009B; CURRENT FILING DATE: 2002-06-14
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 1.
LENGTH: 159
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ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 3
LENGTH: 31
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ORGANISM: Betula pendula
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LOCATION: (1) 7(159)
TOTHER INFORMATION: Point mutated Bet v 1 allergen (amino acid deletion of residue)
CHER INFORMATION: G111)
US-10-440-516-47
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100.0%; Score 68; DB 4; Length 159;
Best Local Similarity 100.0%; Pred. No. 0.0036;
Matches 12; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-3
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FUBLICATION NO. US20040043438A1
GENERAL INFORMATION:
APPLICANT: HOLM, Jens
APPLICANT: Ferreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REPRENCE: 04305/100L446-US1;
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
FRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
ILENGTH: 160
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Sequence 2, Application US/10440516
Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: Ferreras Mercedes
FILE REFERENCE: 04305/1001446-US1
CURRENT APPLICATION UNDER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/381,440
SOFTWARE: Patentin version 3.2
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, ORGANISM: Betula verrucosa
US-10-440-516-2
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ORGANISM: Betula verrucosa
                          ORGANISM: Betula verrucosa
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                                                                                         NAME/KEY: MISC_FEATURE
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LENGTH: 160
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Publication No. US20050181446A1

GENERAL INFORMATION:

APPLICANT: Rogen, Erwin

APPLICANT: Svendsen, Allan

APPLICANT: Svendsen, Allan

APPLICANT: Osten, Claus

TITUE OF INVENTION: PROTEIN VARIANTS HAVING MODIFIED IMMUNOGENICITY

FILE REFERENCE: 10021.204-US

CURRENT APPLICATION NUMBER: US/09/957,806A

CURRENT FILING DATE: 2001-09-21

NUMBER OF SEQ ID NOS: 248

SOFTWARE PATENTIN VERSION 3.1
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                  APPLICANT: ZANOH, MULEW
APPLICANT: ZANOH, MULEW
TITLE OF INVENTION: FUSION MOLECULES AND TREATMENT OF
TITLE OF INVENTION: IGE-MEDIATED ALLERGIC DISEASES
FILE REFERENCE: UG67.002A
CURRENT APPLICATION NUMBER: US/09/847,208
CURRENT FILING DATE: 2001-05-01
NUMBER OF SEQ ID NOS: 177
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 40
IENGTH: 159
TYPE: PRT
TYPE: PRT
CREATION Betula verrucosa (White birch) (Betula pendula)
US-09-847-208-40
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Sequence 47, Application US/10440516

Sequence 47, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:

APPLICANT: HOIM, Jens

APPLICANT: Ferreras Mercedes

TITLE OF INVENTION: Allergen mutants

TITLE OF INVENTION: Allergen mutants

CURRENT APPLICATION NUMBER: US/10/440,516

CURRENT FILING DATE: 2003-05-16

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 89

SEQUENCE: SEQ ID NOS: 89

SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE: SEQUENCE:
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US-09-957-806A-6
APPLICANT: Saxon, Andrew
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US-09-957-806A-6
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TYPE: PRT
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LOCATION: (1)...(160)

CTHER INFORMATION: Point mutated Bet v 1 allergen
US-10-440-516-6
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CCATTON: (1)...(160)

OTHER INFORMATION: Point mutated Bet v 1 allergen

MS-10-440-516-7
                                                                                                                      Sequence 6, Application US/10440516;
Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: HOLM, Jens
APPLICANT: FETERAS, Mercedes
TITLE OF INVENTION: Allergem mutants
TITLE OF INVENTION: Allergem mutants
CURRENT APPLICATION NUMBER: US/10/440,516;
CURRENT FILING DATE: 2003-05-16;
PRIOR APPLICATION NUMBER: US 60/381,440
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 6
LENGTH: 160
LENGTH: 160
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Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: HOLIM, Jens
APPLICANT: HOLIM, Jens
APPLICANT: HOLIM, Jens
APPLICANT: HOLIM, Jens
APPLICANT: Ferreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/100446-US1
CURRENT RPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR APPLICATION NUMBER: US 60/381,440
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
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Best Local Similarity 100.
Matches 12; Conservative
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US-10-440-516-6
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Query Match 100.0%; Score 68; DB 4; Length 160; Best Local Similarity 100.0%; Pred. No. 0.0036; Matches 12; Conservative 0; Mismatches 0; Indels
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CTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-4
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CTHER INFORMATION: Point mutated Bet v 1 allergen US-10-440-516-5
                                                                                                                                                                                                                                Sequence 4, Application US/10440516
Publication No. US20040043438A1
GENERAL INFORMATION:
APPLICANT: Holm, Jons
APPLICANT: Ferreras, Mercedes
TITLE OF INVENTION: Allergen mutants
FILE REFERENCE: 04305/1001446-US1
CURRENT APPLICATION NUMBER: US/10/440,516
CURRENT FILING DATE: 2003-05-16
PRIOR FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.2
LENGTH: 160
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Sequence 5, Application US/10440516

Publication No. US20040043438A1

GENERAL INFORMATION:

APPLICANT: Holm, Jens

TITLE OF INVENTION: Allergen mutants

TITLE OF INVENTION: Allergen mutants

FILE REFERENCE: 04305/100L446-US1

CURRENT FILING DATE: 2003-05-16

PRIOR FILING DATE: 2002-05-16

PRIOR FILING DATE: 2002-05-16

NUMBER OF SEQ ID NOS: 89

SOFTWARE: PatentIn version 3.2

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ORGANISM: Betula verrucosa
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55 KISFPEGFPFKY 66
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NAME/KEY: MISC FEATURE
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